

Stationary Reciprocating Internal Combustion Engines NESHAP
Docket No. A-95-35
Category II-A
EPA Studies or Contractor Reports

<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
II-A-1		Emissions Assessment of Conventional Stationary Combustion Systems; Volume II. Internal Combustion Sources. Prepared For: U.S. Environmental Protection Agency, Office of Research and Development, Washington, DC. Prepared By: C. Shih, J. Hamersma, D. Ackerman, R. Beimer, M. Kraft, and M. Yamada, TRW, Inc., Redondo Beach, California. EPA-600/7-79-029c.	2/79
II-A-2		Project Summary: Environmental Assessment of a Reciprocating Engine Retrofitted with Selective Catalytic Reduction. Prepared By: C. Castaldini and L. Waterland. EPA/600/S7-86/014.	5/01/86
II-A-3		List of Validated Test Methods. Emission Measurement Technical Information Center Guideline Document. Prepared by T. Wayne, EPA:EMB.	6/27/91
II-A-4		Draft, Summary Report For The Review of 14 Reciprocating Internal Combustion Engine Tests. Prepared for: EPA, Research Triangle Park, NC. Prepared by Pacific Environmental Services, Inc., Research Triangle Park, NC. EPA Contract No. 68D20162, Work Assignment No. 3-04.	9/96
II-A-5		Applying DQCs and DQA to MACT Standard Setting Decisions for CT and RICE Final Draft, QA/QC Protocol, Version 2.0. Prepared for EPA:EMC, Research Triangle Park, NC. Prepared by: Research Triangle Institute, Research Triangle Park, NC. EPA Contract: 68D40091. Work Assignment# 96-09. RTI Task 91U-6342-109.	9/30/96

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II-A-6		C. Lindhjem, EPA:OMS, to B. Richani, AGTI. E-Mail: Engine Data from Power Systems Research. Attachments Are as Follows: -Power Systems Research, Information Regarding the Partslink Database. -Disk Containing Power Systems Research Information.	10/23/97
II-A-7		Nonroad Engine Population Estimates. Report No. NR-006. EPA's NONROAD Emission Inventory Model. C. Lindhjem, EPA:OMS.	12/9/97
II-A-8		Standards Support and Environmental Impact Statement. Volume I: Proposed Standards of Performance. Draft. Prepared for: EPA, RTP, NC. Prepared by: D. Gorduin. EPA Contract: 450/2-78-125a.	6/79

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II-A-9		OAQPS Economic Analysis Resource Document. Prepared by: EPA:OAQPS, Innovative Strategies and Economics Group.	4/99
II-A-10		Economic Impact Analysis of the Oil and Natural Gas Production NESHAP and the Natural Gas Transmission and Storage NESHAP. Final Report. Prepared by: EPA:OAQPS, RTP, NC. Document No. EPA-452/R-99-003.	5/99
II-A-11		EPA Office of Compliance Sector Notebook Project: Profile of the Oil and Gas Extraction Industry. Prepared by: Office of Compliance, OECA, EPA, Washington, DC. Document No. EPA/310-R-99-006.	10/99
II-A-12		Economic Analysis of the IC Engines MACT Standard. Final Report. Prepared for: L. Conner, EPA:ISEG, RTP, NC. Prepared by: R. Beach, M. Gallaher, B. Depro, A. O'Conner, Research Triangle Institute, Center for Economics Research, RTP, NC. EPA Contract No. 68-D-99-024. RTI Project No. 7647-001-013.	7/00
II-A-13		Testing of a 2SLB Gas-Fired RICE to Determine the Effectiveness of an Oxidation Catalyst System for Reduction of HAP. Final Report. Volumes 1 and 2. Prepared for T. Harrison, EPA:EMC, RTP, NC. Submitted by: Pacific Environmental Services, Inc. RTP, NC. Document No. EPA-454/R-00-036a and b.	7/00

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II-A-14		Testing of a 4S Diesel Cycle Oil-Fired RICE to Determine the Effectiveness of an Oxidation Catalyst System for Reduction of HAP Emissions. Final Report. Prepared for: T. Harrison, EPA:EMC, RTP, NC. Submitted by: Pacific Environmental Services, RTP, NC.	9/01
II-A-15		Testing of a 4SLB Gas-Fired RICE to Determine the Effectiveness of an Oxidation Catalyst System for Reduction of HAP Emissions. Final Report. Prepared for: T. Harrison, EPA:EMC, RTP, NC. Submitted by: Pacific Environmental Services, RTP, NC.	9/01
II-A-16		Regulatory Impact Analysis of the RICE NESHAP. Final Report. EPA:OAQPS, RTP, NC. Document No. EPA-454/R-02-012.	11/02

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<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
II-B-1		J. Seitz, EPA:OAQPS to Directors of Various Regional Air Offices. Letter: The Determination of PTE for Emergency Electrical Generators.	9/6/95
II-B-2		R. Howle and S. Anand, AGTI to RICE NESHAP Project File. Memorandum: Review of California Air Resources Board's Air Toxics Emission Data System Database -- Internal Combustion Engines.	9/29/95
II-B-3		J. Camp, AGTI to RICE NSPS/NESHAP Project File. Memorandum: Review of State Regulations Potentially Impacting RICE Emissions.	9/29/95
II-B-4		A. Refik, AGTI to R. Huntley, EPA:EMAD. Facsimile: Requesting List of References from AP-42 and FIRE database.	10/5/95
II-B-5		B. Richani, AGTI to J. Jones, EPA:APPCD. Telecon: Reviewing Data for RICE and CT from California Districts by Radian.	10/26/95
II-B-6		A. Refik, AGTI to E. Bowles, Radian, Corp. Letter: Contact Reports and Data Request Letters Submitted Regarding Original Source Tests of HAP Emissions from RICE.	11/7/95
II-B-7		B. Richani, AGTI to E. Bowles, Radian, Corp. Memorandum: HAP Emissions Data for RICE.	3/21/96
II-B-8		J. Camp, AGTI to CT and RICE NESHAP Project Files. Memorandum: Search of Dissertation Abstracts For Natural Gas Combustion.	6/26/96

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II-B-9		J. Camp, AGTI to RICE NESHAP Project Files. Memorandum: "FTIR Method Validation" (For Emission Testing of Natural Gas Fired RICE).	8/1/96
II-B-10		<p>B. Richani, AGTI to T. Harrison, EPA:EMC. Letter: to Forward the Following Documents..</p> <p>Attachments Are as Follows:</p> <ul style="list-style-type: none"> -Letter submitted by J. McCarthy of GRI to S. Roy, EPA:ESD on July 19, 1996. -Copy of Material Referenced by J. McCarthy (pages 3-6 and 3-7 of GRI's Topical Report, "Measurement of Air Toxic Emissions from Natural Gas-Fired Internal Combustion Engines at Natural Gas Transmission and Storage Facilities," - "Measurement of Gaseous Formaldehyde, Phenol and Methanol Emissions by FTIR Spectroscopy" -Internal Memorandum Summarizing the Difference Between CARB Method 430 and GRI's FTIR Method. 	8/2/96
II-B-11		A. Refik, AGTI, to RICE NESHAP and NSPS Project File. Memorandum: List of RICE Test Reports Available on STIRS CDs.	8/12/96
II-B-12		B. Richani, AGTI, to RICE and CT NESHAP and NSPS Project Files. Memorandum: Summary of Submitted Comments on the Proposed Criteria and Hazardous Air Pollutant Emission Test Methods for RICE and CT.	9/27/96

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II-B-13		J. Camp, AGTI, to the CT and RICE NESHAP Project Files. Memorandum: Assessment of Emissions Data Presented in GRI Report GRI-96/00092 "Measurement of Air Toxic Emissions From Natural Gas-Fired Internal Combustion Engine at Natural Gas Transmission and Storage Facilities."	12/13/96
II-B-14		T. Harrison, EPA:EMC, to A. Agnew, EPA:ESD. Memorandum: Comments on the July 1997 Generic Test Protocol.	8/7/97
II-B-15		A. Agnew, USEPA, to J. Snyder, AGTI. Memorandum: Draft of TMPWG Guidance for Handling Non Detects Results. Attachments Are as Follows: -TMPWG Guidance on Interpreting Existing Data Where Some Portion of the Data Is Reported as Being below Detection Limits.	8/7/97
II-B-16		B. Richani, AGTI to A. Agnew and S. Roy, EPA:ESD. E-Mail: GRI Detection Limits.	12/23/97
II-B-17		J. Snyder, AGTI to A. Agnew, EPA:ESD. Memorandum: ERG Survey Database Claiming Engines HAP Tests, and HP Problem in Population Database.	2/26/98
II-B-18		J. Snyder and B. Richani, AGTI to RICE NESHAP Project File. Memorandum: Review of CARB 430 and FTIR Method Review for RICE Emissions Database, Version 2.	3/5/98
II-B-19		J. Snyder and B. Richani, AGTI to RICE NESHAP and NSPS Project Files. Memorandum: Review of ICCR Database, Version 3.	3/16/98

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II-B-20		J. Snyder and B. Richani, AGTI to RICE NESHAP and NSPS Project Files. Memorandum: Review of Ventura County Database.	3/18/98
II-B-21		T. Harrison, EPA:EMC to A. Agnew, EPA:ESD. Memorandum: Quality Assurance Project Plan.	8/14/98
II-B-22		T. Harrison, EPA:EMC to People Involved with RICE Testing to Determine MACT. E-Mail: Correspondence Regarding the Engine Test Program Data Quality Objectives.	10/16/98

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II-B-23		M. Taylor, AGTI to S. Roy, EPA:ESD. Memorandum. Oxidation Catalysts.	5/19/00
II-B-24		T. Ali, AGTI to S. Roy, EPA:ESD. Memorandum. Aldehyde Measurements using CARB Method 430 and FTIR.	7/21/00
II-B-25		J. Snyder and B. Richani, AGTI to S. Roy, EPA:ESD. Memorandum. Preliminary Compilation of Definitions Used in the RICE NESHAP.	7/21/00
II-B-26		M. Taylor, J. Snyder and B. Richani, AGTI to S. Roy, EPA:ESD. Memorandum. Rationale for Development of a Test Plan for RICE. Attachments are as follows: 1. RICE Test Plan 2. QAPP. Note that this item can be found in Docket OAR-2002-0059 as Item Number II-B-21.	7/21/00
II-B-27		S. Roy, EPA:ESD, to RICE Project File. Memorandum. Summary of RICE Testing Data. Attachments are as follows: 1. 2SLB Preliminary Data 2. 4SLB Preliminary Data 3. CI Preliminary Data 4. 4SRB Data Obtained from Industry 5. Floppy of Attachments 1-4 6. 2SLB Raw Data 7. 4SLB Raw Data 8. CI Raw Data 9. 4SRB Data for Engine 1 10. 4SRB Data for Engine 2.	8/17/00

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II-B-28		W. Lamason, EPA:EMC to R. Wayland, EPA:ESD. Memorandum. Voluntary Consensus Standard Results for the RICE NESHAP Proposed Rule.	8/30/00
II-B-29		J. Snyder, AGTI to S. Roy, EPA:ESD. Memorandum. Definition of "Rich Burn Engine."	12/13/00
II-B-30		L. Conner, EPA:ISEG, to S. Roy, EPA:ESD. Memorandum. Unfunded Mandates Reform Act Analysis for the Proposed RICE NESHAP Rulemaking Under the CAA.	12/15/00
II-B-31		J. Snyder, AGTI to S. Roy, EPA:ESD. Memorandum. Comparison of Emissions from Different Fuels for RICE and CT on a Mass per Heat Unit Basis.	3/27/01
II-B-32		M. Taylor, AGTI, to S. Roy, EPA:ESD. Memorandum. Control Technology Options for Existing Digester Gas and Landfill Gas Engines.	5/16/01
II-B-33		J. Snyder, AGTI to S. Roy, EPA:ESD. Memorandum. RICE Distribution at Major and Area Sources	11/27/01
II-B-34		J. Snyder, AGTI to S. Roy, EPA:ESD. Memorandum. Population of Stationary RICE: Summary.	11/28/01
II-B-35		J. Snyder and M. Taylor, AGTI, to S. Roy, EPA:ESD. Memorandum. Control Costs for RICE.	1/7/02
II-B-36		M. Taylor, AGTI to S. Roy, EPA:ESD. Memorandum. Emissions Factors for RICE.	1/10/02
II-B-37		M. Taylor, AGTI to S. Roy, EPA:ESD. Memorandum. Emissions Data for RICE.	2/4/02

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II-B-38		S. Roy, EPA:ESD to RICE Docket A-95-35. Memorandum. Atmospheric Loss of Formaldehyde and Acetaldehyde.	5/17/02
II-B-39		J. Snyder, AGTI to S. Roy, EPA:ESD. Memorandum. Catalyst Aging during EPA RICE Testing at CSU.	6/19/02
II-B-40		R. Fegley, EPA:Office of Science and Policy to Rulemaking Docket. Memorandum. Method for Approximate ("Top Down") Estimate of Aggregate Cancer Risk Associated with Two Maximum Achievable Control Technology (MACT) Source Categories: Reciprocating Internal Combustion Engines (RICE) and Industrial/Commercial/Institutional Boilers.	7/31/02
II-B-41		M. Taylor, AGTI, to S. Roy, EPA:ESD. Memorandum. Control Technologies for Stationary RICE.	8/1/02
II-B-42		M. Taylor, AGTI to S. Roy, EPA:ESD. Memorandum. Environmental Impacts of the Proposed RICE MACT.	8/1/02
II-B-43		J. Snyder and T. Ali, AGTI to S. Roy, EPA:ESD. Memorandum. Subcategorization of Stationary RICE for the Purpose of NESHAP.	8/1/02
II-B-44		T. Ali and J. Snyder, AGTI to S. Roy, EPA:ESD. Memorandum. Existing and New MACT Floors for Stationary RICE.	8/1/02
II-B-45		B. Riddle and J. Snyder, AGTI to S. Roy, EPA:ESD. Memorandum. Regulatory Alternatives and MACT for Stationary RICE.	8/1/02

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II-B-46		T. Ali, AGTI to S. Roy, EPA:ESD. Memorandum. Emergency Generator Operation for Stationary RICE.	11/7/02
II-B-47		T. Ali, AGTI to S. Roy, EPA:ESD. Memorandum. Estimate of RICE with Oxidation Catalysts or NSCR.	11/18/02
II-B-48		T. Ali, AGTI to S. Roy, EPA:ESD. Memorandum. National Impacts Associated with RICE.	11/22/02

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II-C-1		A. Refik, AGTI to D. Smith, YoloSolono Air Quality Management District. Letter: Availability of Source Test Data on HAP Emissions for RICE and CT from Facilities in YoloSolono Air Quality Management District.	10/17/95
II-C-2		B. Richani, AGTI to T. Thomas, Ventura County APCD. Letter: Availability of Source Test Data on HAP Emissions for RICE and CT from Facilities in Ventura County Air Pollution Control District.	10/17/95
II-C-3		B. Richani, AGTI to D. Craft, Monterey Bay Unified APCD. Letter: Availability of Source Test Data on HAP Emissions for RICE and CT from Facilities in Monterey Bay Air Quality Management District.	10/17/95
II-C-4		A. Refik, AGTI to J. DeGuzman, Sacramento Air Quality Management District. Letter: Availability of Source Test Data on HAP Emissions for RICE and CT from Facilities in Sacramento Air Pollution Control District.	10/17/95
II-C-5		A. Refik, AGTI to J. Lathrop, San Joaquin Valley Unified APCD. Letter: Availability of Source Test Data on HAP Emissions for RICE and CT from Facilities in San Joaquin Valley Unified Air Pollution Control District.	10/17/95
II-C-6		B. Richani, AGTI to B. Nishimura, Bay Area AQMD. Letter: Availability of Source Test Data on HAP Emissions from Facilities in Bay Area Air Pollution Control District.	10/18/95

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II-C-7		B. Richani, AGTI to J. Petrini, Santa Barbara County APCD. Letter: Availability of Source Test Data on HAP Emissions from Facilities in Santa Barbara County Air Pollution Control District.	10/18/95
II-C-8		B. Richani, AGTI to B. Lee, Northern Sonoma APCD. Letter: Availability of Source Test Data on HAP Emissions for RICE and CT for the Northern Sonoma Air Pollution Control District.	10/24/95
II-C-9		A. Refik, AGTI to Steve Arita, Western States Petroleum Assoc. Letter: Availability of Source Tests for HAP Emissions for RICE and CT Sponsored by Western States Petroleum Assoc.	10/26/95
II-C-10		C. Zukor, AGTI to D. Goodnow, CARB. Letter: Identifying Emissions Data Referenced in the ATEDS Database for HAP Emissions from RICE and CT.	10/26/95
II-C-11		A. Refik, AGTI to G. Snodgrass, ARCO Alaska, Inc. Letter: Availability of Source Tests for HAP and for Criteria Pollutant Emissions for RICE and CT.	11/1/95
II-C-12		B. Richani, AGTI to L. Stookey, Southwest Air Pollution Control Authority. Letter: Regarding ISO Correction Factor Documentation and Data Collection Efforts for RICE and CT.	11/3/95
II-C-13		B. Richani, AGTI to M. Feldstein, Bay Area AQMD. Letter: Requesting Source Test Data on HAP Emissions from RICE and Combustion Engines for the Bay Area.	11/3/95

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II-C-14		D. Bell, EPA:ESD to W. Von Drehle, Transcontinental Gas Pipe Line Corp. Trip Report to Transcontinental Gas Pipe Line Corp. on September 18, 1995.	11/14/95
II-C-15		A. Refik, AGTI to E. Johnson, Stewart & Stevenson. Facsimile: Requesting Source Tests for HAP for RICE and CT Conducted by Stewart & Stevenson on the UC Berkeley Cogeneration Unit.	11/28/95
II-C-16		<p>B. Richani, AGTI to C. Castronova, California Air Resources Board/MLD. Letter: to Forward Following Documents.</p> <p>AttachmentsAre as Follows:</p> <ul style="list-style-type: none"> -Letter submitted by J. McCarthy of GRI to S. Roy, EPA:ESD on July 19, 1996. -Copy of Material Referenced by J. McCarthy (pages 3-6 and 3-7 of GRI's Topical Report, "Measurement of Air Toxic Emissions from Natural Gas-Fired Internal Combustion Engines at Natural Gas Transmission and Storage Facilities," - "Measurement of Gaseous Formaldehyde, Phenol and Methanol Emissions by FTIR Spectroscopy" -Internal Memorandum Summarizing the Difference Between CARB Method 430 and GRI's FTIR Method. 	8/2/96
II-C-17		B. Richani, AGTI to RICE Work Group. Memorandum: Description of the Emission Database for HAP from RICE.	3/26/97
II-C-18		B. Richani, AGTI to K. Johnson, Radian Corp. Letter: GRI Air Toxic Emissions Data.	6/17/97

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II-C-19		J. Snyder, AGTI to People Involved in RICE Testing for MACT Development. E-Mail: Request for Input on Pollutants to Be Tested.	8/20/97
II-C-20		J. Snyder, AGTI to RICE Work Group Engine Manufacturers. Facsimile: List of Possible Engine Control Devices for Nonsense Control Identification. Attachments Are as Follows: -B. Stachowicz, Waukesha Engine Division to J. Snyder, AGTI, Identification of Possible Nonsense Controls. -D. Dowdall, EMA, to J. Snyder, AGTI Identification of Possible Nonsense Controls.	10/6/97
II-C-21		K. Leach, AGTI to B. Stachowicz, Waukesha Engine Division. Letter: Waukesha Models for ICCR Engines Lookup Tables. Attachment as Follows: -Table of Waukesha Engine Information.	12/2/97
II-C-22		B. Richani, AGTI to V. Newsom, Amoco, Inc. E-Mail: Engine Size Cutoff and Subcategorization.	5/27/98
II-C-23		J. Snyder, AGTI to the RICE Work Group. E-mail: Landfill and Digester Gas Engines.	8/7/98
II-C-24		A. Agnew, EPA:ESD, Presentation: Outreach Program.	8/20/98

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II-C-25		T. Harrison, EPA:EMC to J. McCarthy, GRI, D. Dowdall, EMA, S. Clowney, PRCI, and B. Stachowicz, Waukesha Engine Division. E-mail. Draft Report - RICE Cooper Bessemer Engine Test for Review.	7/29/99
II-C-26		<p>A. Aldridge, EPA:ESD to B. Stachowicz, Waukesha Engine Division. Letter. Request for Stationary RICE Sales Forecast Information for 2000 - 2005.</p> <p>Enclosures are as follows:</p> <ol style="list-style-type: none"> 1. EPA's Information Gathering Authority Under Section 114 of the CAA 2. Designation of Authorized Representative for Standards of Performance for New Stationary Sources (Section 111) and Solid Waste Combustion (Section 129), NESHAP (Section 112) and Federal Ozone Measures (Section 183). 3. Summary of OAQPS Procedures for Safeguarding CAA CBI. 	11/18/99

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II-C-27		<p>R. Wayland, EPA:ESD to W. Passie, Caterpillar, Inc. Letter. Request for Stationary RICE Sales Forecast Information for 2000 - 2005.</p> <p>Enclosures are as follows:</p> <ol style="list-style-type: none"> 1. EPA's Information Gathering Authority Under Section 114 of the CAA 2. Designation of Authorized Representative for Standards of Performance for New Stationary Sources (Section 111) and Solid Waste Combustion (Section 129), NESHAP (Section 112) and Federal Ozone Measures (Section 183). 3. Summary of OAQPS Procedures for Safeguarding CAA CBI. 	12/20/99
II-C-28		<p>T. Harrison, EPA:EMC to J. McCarthy, GRI. Letter. Final Emissions Test Report for 2SLB Test.</p> <p>Note: The attachment to this letter can be found in Section A as Item Number II-A-13 of Docket Number OAR-2002-0059.</p>	8/3/00
II-C-29		<p>T. Harrison, EPA:EMC to D. Dowdall, EMA. Letter. Final Emissions Test Report for 2SLB Test.</p> <p>Note: The attachment to this letter can be found in Section A as Item Number II-A-13 of Docket Number OAR-2002-0059.</p>	8/3/00

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II-C-30		T. Harrison, EPA:EMC to S. Clowney, PRCI. Letter. Final Emissions Test Report for 2SLB Test. Note: The attachment to this letter can be found in Section A as Item Number II-A-13 of Docket Number OAR-2002-0059.	8/3/00
II-C-31		T. Harrison, EPA:EMC to S. Clowney, PRCI-Compressor Research Supervisory Committee. Letter. Draft Report for 4SLB Test. Note: The attachment to this letter can be found in Section A as Item Number II-A-15 of Docket Number OAR-2002-0059.	8/16/00
II-C-32		T. Harrison, EPA:EMC to J. McCarthy, GRI. Letter. Draft Report for 4SLB Test. Note: The attachment to this letter can be found in Section A as Item Number II-A-15 of Docket Number OAR-2002-0059.	8/16/00
II-C-33		T. Harrison, EPA:EMC to D. Dowdall, EMA. Letter. Draft Report for 4SLB Test. Note: The attachment to this letter can be found in Section A as Item Number II-A-15 of Docket Number OAR-2002-0059.	8/16/00
II-C-34		T. Harrison, EPA:EMC to R. Stachowicz, Waukesha Engine Division. Letter. Draft Report for 4SLB Test. Note: The attachment to this letter can be found in Section A as Item Number II-A-15 of Docket Number OAR-2002-0059.	8/16/00

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II-C-35		T. Harrison, EPA:EMC to J. McCarthy, GRI. Letter. Draft Report for 4S Diesel Test. Note: The attachment to this letter can be found in Section A as Item Number II-A-14 of Docket Number OAR-2002-0059.	9/6/00
II-C-36		T. Harrison, EPA:EMC to D. Dowdall, EMA. Letter. Draft Report for 4S Diesel Test. Note: The attachment to this letter can be found in Section A as Item Number II-A-14 of Docket Number OAR-2002-0059.	9/6/00
II-C-37		T. Harrison, EPA:EMC to P. Hautz, Caterpillar Inc. Letter. Draft Report for 4S Diesel Test. Note: The attachment to this letter can be found in Section A as Item Number II-A-14 of Docket Number OAR-2002-0059.	9/6/00
II-C-38		T. Harrison, EPA:EMC to S. Clowney, PRCI-Compressor Research Supervisory Committee. Letter. Draft Report for 4S Diesel Test. Note: The attachment for this letter can be found in Section A as Document Number II-A-14 of Docket Number OAR-2002-0059.	9/6/00
II-C-39		S. Roy, EPA:ESD to L. Dorr, Michcon. E-mail. MACT for RICE.	5/28/02

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II-D-1	10/22/97	M. Milliet, Texaco E&P, Inc. to B. Richani, AGTI. E-Mail: API Baseline Characterization Survey Field and Gas Plant Survey Summary of Reported Values. Includes Diskette.	
II-D-2		D. Schott, Monterey Bay Unified Air Pollution Control District to B. Richani, AGTI. November 10, 1995. Report On Emissions Testing Of Cogeneration Engines #2 and #3 at the MRWPCA Wastewater Treatment Plant, Marina, California. Prepared By: Nomandeau Associates, Inc. These Test Reports Can Be Found in Category I of this Docket. Docket References: II-I-26 and II-I-27.	1/29/93
II-D-3		D. Smith, YoloSolano Air Quality Management District, to A. Refik, AGTI. Letter: Source Test Data for River Delta Cogen. Ltd., Located in West Sacramento, CA Area.	10/23/93
II-D-4		L. Traweek, American Gas Assoc. to S. Roy, EPA:ESD. Letter: Comments on the Share-A-MACT Program.	6/19/95
II-D-5		T. Thomas, Ventura County Air Pollution Control District, to B. Richani, AGTI. Letter: District's Current Emission Factors for Oil and Gas Combustion Equipment.	11/1/95
II-D-6		R. McVaigh, San Joaquin Valley Unified Air Pollution Control District, to A. Refik, AGTI. Letter: Compiling Information Regarding Source Test Data on HAP Emissions from RICE and CT.	11/3/95

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II-D-7		T. Thomas, Ventura County Air Pollution Control District to B. Richani, AGTI. Letter: Air Toxics Source Test Reports Which Can Not Be Sent out and Additonal Source Test Reports Which Are in Category I of this Docket (A-95-35). Docket References: II-I-9, II-I-13, II-I-14, II-I-15, and II-I-16.	11/6/95
II-D-8		S. Arita, Western States Petroleum Assoc. to A. Refik, AGTI. AB 2588 Pooled Source Test Report, Oil & Gas Production Combustion Sources, Fresno and Ventura Counties, California. These Test Reports Can Be Found in Category I of this Docket. Docket Reference: II-I-15	11/20/95
II-D-9		R. McVaigh, San Joaquin Valley Unified Air Pollution Control District, to A. Refik, AGTI. Letter: HAP Emissions References.	11/28/95
II-D-10		J. Cassady, Pacific Gas Transmission Company to S. Roy, EPA:ESD. Letter: Comments on EPA's Proposed ICCR Definitions and Test Methods.	7/10/96
II-D-11		W. Brown, Engine Manufacturers Assoc. to S. Roy, EPA:ESD. Facsimile: ICCR June 19th Correspondence. EMA Comments on Definitions, Test Methods, and Generic Information Collection Plan for ICCR.	7/12/96
II-D-12		J. McCarthy, GRI to S. Roy, EPA:ESD. Facsimile: CT and RICE Definitions and Test Methods.	7/19/96

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II-D-13		I. Atay, State of New Jersey to S. Roy and A. Agnew, EPA:ESD. Letter: Development of NESHAP for CT or RICE And/or Development of NSPS for RICE or the Revision of the NSPS for CT.	8/14/96
II-D-14		E. Torres, County Sanitation Districts of Orange County, California to A. Agnew, EPA:ESD. Letter: Comments on Proposed Definitions on RICE.	8/16/96
II-D-15		T. Boss, Interstate Natural Gas Assoc. of America to A. Agnew, EPA:ESD. Letter: Comments on RICE Definitions Distributed by EPA on June 19, 1996.	8/19/96
II-D-16	8/19/96	S. Arita, Western States Petroleum Assoc. to S. Roy and A. Agnew, EPA:ESD. Facsimile: WSPA Comments on EPA's Proposed Regulation Development for CT and RICE.	8/19/96
II-D-17		T. Hunt, American Petroleum Institute to A. Agnew, EPA:ESD. Letter: June 19, 1996 and July 25, 1996 Comments on CT and Internal Combustion Engine Definitions, Test Methods, and Generic Information Collection Plans.	8/19/96
II-D-18		E. Torres, County Sanitation Districts of Orange County, California to A. Agnew, EPA:ESD. Letter: Comments on Proposed Test Methods on RICE and General Information Collection Plan.	9/6/96
II-D-19		R. Stachowicz, Waukesha Engine Division to A. Agnew, EPA:ESD. Letter: Draft Information Collection Request.	9/9/96

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II-D-20		L. Beal, Interstate National Gas Assoc. of America to S. Roy, EPA:ESD. Letter: Comments on Test Methods for RICE and CT and the Generic Information Plan for the ICCR Distributed by EPA on June 19, 1996.	9/12/96
II-D-21		J. McCarthy, GRI to S. Roy, EPA:ESD. Facsimile: Comments on Draft Definitions and Test Methods for RICE and CT.	9/12/96
II-D-22		L. Coerr, Coerr Environmental to ICCR IC Engine Emissions Subgroup. Facsimile: Information Regarding Conference Call Scheduled for Monday, February 24, 1997.	2/21/97
II-D-23		W. Hamilton, Shell Oil E&P Technology, Co. to Population and Structure Database Work Group. Letter: Conference Call on February 26, 1997.	2/26/97
II-D-24		C. Castronovo, CARB to T. Harrison, EPA:ESD. Memorandum: CARB Method 430 vs. Ashland Chemical's Cartridge Method. Attachment as Follows: -GRI Air Toxics Program Comparison of Aldehyde Test Methods.	2/27/97
II-D-25		B. Heater, Cooper Energy Services to A. Agnew, EPA:ESD. Letter: RICE HAPs Source Test Report Naval Pet. Res. #1, Elk Hills, CA.	3/3/97
II-D-26		W. Hamilton, Shell Oil E&P Technology, Co. to Population and Structure Database Work Group. Letter: Conference Call on March 7, 1997.	3/6/97

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II-D-27		L. Coerr, Coerr Environmental Science and Policy Consulting to S. Clowney, Tennessee Gas Pipeline Co. Facsimile: Key Decisions Made During the April 3, 1997 Conference Call for the Emission Subgroup of the ICCR RICE Work Group.	4/11/97
II-D-28		C. Fletcher, Enginuity International, Inc., to B. Richani, AGTI. Facsimile: Outline Test Plan Air Toxics of RICE for the Natural Gas Pipeline Industry.	4/28/97
II-D-29		L. Coerr, Coerr Environmental Science and Policy Consulting to S. Clowney, Chair RICE Emissions Subgroup. Memorandum: Key Issues and Decisions Made During the April 28, 1997 Conference Call for the Emission Subgroup of the ICCR RICE Work Group.	5/1/97
II-D-30		W. Hamilton, Shell Oil E&P Technology, Co. to the Population and Structure Database Work Group for RICE. Memorandum: Meeting Notes and Action Items from the May 8, 1997 Conference Call.	5/8/97
II-D-31		W. Hamilton, Shell Oil E&P Technology, Co. to RICE Work Group. E-Mail: Telecon: Meeting Minutes. 10:07am.	5/14/97

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II-D-32		<p>L. Coerr, Coerr Environmental Science and Consulting to ICCR RICE Emissions Subgroup. Facsimile: Schedule for the July 1, 1997 Conference Call.</p> <p>Attachments are as follows: -B. Stachowicz's Comments on the Generic Test Protocol. -California Air Resources Board's Memorandum Identifying Likely Combustion Pollutants.</p>	6/25/97
II-D-33		<p>L. Coerr, Coerr Environmental to RICE Emissions Subgroup. Letter: Materials for July 1, 1997 Conference Call.</p> <p>Attachments As Follows: -Pollutant List from 5/22/97 Presentation to RICE Work Group. -HAPs Selection and Test Methods for Natural Gas RICE. -EPA Pollutant Lists for Urban Area Source Program, Great Waters and 112(c)(6), and Highly Toxic HAPs. -Draft AP-42 Section 3.2, Natural Gas-fired Reciprocating Engines.</p>	6/26/97
II-D-34		<p>L. Coerr, Coerr Environmental to RICE Subgroup. Facsimile. Summary of Key Decisions During the July 1, 1997 Conference Call and Information Regarding Next Conference Call Scheduled for Monday, July 14, 1997 at 11:00 am.</p>	7/3/97

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II-D-35	10/16/97	J. Seebold, Chevron Research and Technology Co. to A. Agnew, EPA:ESD. Facsimile: The Origin and Fate of Toxic Combustion Byproducts in Refinery Heaters: Research to Enable Efficient Compliance with the Clean Air Act. Final Report.	8/5/97
II-D-36		B. Stachowicz, Waukesha Engine Division, to J. Snyder, AGTI. Letter: Waukesha Engine Models List. Attachments are as follows: -Listing of models C. 1980-1997. -Power Rating Chart of Engines Manufactured Since 1906. -Waukesha Engine Division 1990 Power Ratings. -1997 Power Ratings Engine/Enginator Systems. -Waukesha Diesel & Gas Engines Power Rating Chart. -Table of Unknown makes and model parameters 11/25. -Table of Waukesha Engine models.	8/13/97
II-D-37		L. Coerr, Coerr Environmental Science and Consulting to S. Clowney, Tennessee Gas Pipeline Co. Memorandum: Key Decisions Made During the August 15, 1997 Conference Call for the Emission Subgroup of the ICCR RICE Work Group.	8/22/97
II-D-38		L. Coerr, Coerr Environmental Science and Consulting to S. Clowney, Tennessee Gas Pipeline Co. Memorandum: Regarding Key Decisions Made During the August 29 Conference Call for the Emission Subgroup of the ICCR IC Engine Work Group.	9/5/97

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II-D-39		L. Coerr, Coerr Environmental Science and Policy Consulting to Emissions Subgroup of the RICE Work Group for ICCR.	9/10/97
II-D-40		B. Stachowicz, Waukesha Engine Division to J. Snyder, AGTI. Facsimile: Data on Six Waukesha Models, Three Lean Burn and Three Rich Burn.	9/24/97
II-D-41		J. McCarthy, GRI to B. Richani, AGTI. Letter: Request for Support Information for GRI Report No. GRI-96/0009. Attachment is as follows: -Letter from K. Johnson, Radian Intl., LLC, to J. McCarthy, GRI.	9/25/97
II-D-42		E. Torres, County Sanitation Districts of Orange County, California to A. Agnew, EPA:ESD. Letter: Problems with Catalytic Control of Digester Gas Fired Engines. Attachments Are as Follows: -G. Adams and V. Novy, LA County Sanitation Districts, Catalytic Denitrification of Exhaust from RICE Fueled with Sewage Digester Gas. -P. Glus, Malcolm Pirnie to W. Krenn, Malcolm Pirnie, Nassau County Department of Public Works Catalyst Performance Determination Recently Received Data from Hyperion Treatment Plant. -Malcolm Pirnie, Technical Memorandum, Catalyst Performance Investigation.	9/30/97

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II-D-43		D. Dowdall, Engine Manufacturers Assoc. to B. Richani, AGTI. Report: ISO 8178-1. RICE-Exhaust Emission Measurement, Part One: Test-Bed Measure of Gaseous and Particulates Exhaust Emissions and Part Two: Measurement of Gaseous and Particulates Exhaust Emissions at Site.	10/9/97
II-D-44		L. Coerr, Coerr Environmental Science and Policy Consulting to W. Hamilton, Shell Oil E&P Technology, Co. And B. Richani, AGTI. E-mail: General Principles on Use of Make and Model Information. Attachment is as follows: -B. Stachowicz, Waukesha Engine Division, to J. Snyder, AGTI. E-Mail: General Principles List.	11/17/97
II-D-45		M. Brand, Cummins to J. Snyder, AGTI. Letter: Identification of Cummins Engines. Attachment is as follows: -D. Dowdall, EMA, to J. Snyder, AGTI. Facsimile: Table of Information about Unknown Engine Makes and Models.	12/8/97
II-D-46		D. Price, Ventura County APCD to A. Agnew, EPA:ESD. Facsimile: Summary Information on the NOx Tech Cyanuric Acid Injection Emission Control System.	1/27/98
II-D-47		G. Adams, County Sanitation District of Los Angeles to S. Roy, EPA:ESD, E-Mail: 500 Hours Cutoff Default for Emergency Engines.	2/9/98
II-D-48		R. Stone, NOx TECH, to J. Snyder, AGTI. Facsimile: Exhaust after Treatment for RICE, Utility Boilers, and Gas Turbines.	3/22/98

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II-D-49		D. Price, Ventura County APCD to B. Richani, AGTI. Facsimile: Oil Companies Information and Ventura County RICE Rules. Attachments are as follows: -Aera Energy LLC Inspection Plan. -Vintage Petroleum Inspection Plan. -Oryx Energy Inspection Plan. -Section of Ventura County APCD RICE rule.	3/24/98
II-D-50		D. Price, Ventura County APCD to A. Agnew, EPA:ESD. Facsimile: RICE Emission Control System in Santa Barbara, CA.	3/26/98
II-D-51		R. Mueller, Siemens Power Corp. to B. Richani, AGTI. Letter: Siemens SINO _x [™] Systems. Attachments As follows: -Catalysis Today - Innovative lines of SCR Catalysis: NO _x Reduction for Stationary Diesel Engine Exhaust Gas and Dioxin Abatement for Waste Incineration Facilities.	4/1/98
II-D-52		D. Price, Ventura County APCD to B. Richani, AGTI. E-Mail: Air Injection Engine Information.	5/28/98
II-D-53		E. Wheless, Sanitation Districts of Los Angeles County to A. Agnew, EPA:ESD. Memorandum: ICCR RICE Firing Landfill Gas.	7/14/98
II-D-54		R. Mueller, Siemens Power Corp. to B. Richani, AGTI. Letter. Measured HAP Emission Reduction at SINO _x [™] (SCR) Catalysts.	3/31/97

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II-D-55	8/13/98	<p>B. Quil, Navy to J. Snyder, AGTI, A. Agnew, EPA:ESD, B. Richani, AGTI. E-Mail. Final Federal and HAP Population Summary.</p> <p>Attachments Are as Follows: -Notes for Characterization of Federal Units on Major HAP Sources. -IC Engines: Characterization of Federal Units on Major HAP Sources. -Notes for Characterization of Federal Units in ICCR Database. -IC Engines: Characterization of Federal Units in ICCR Database. -B. Quil, Navy to A. Agnew, EPA:ESD. E-Mail. Federal Population Data. -Diskette Included.</p>	8/13/98
II-D-56	8/27/98	<p>J. McCarthy, GRI to B. Richani, AGTI. E-Mail. Spreadsheet Presenting the Approach Used for a Preliminary Cost Analysis for Application of Oxidation Catalysts for RICE Formaldehyde Control. The Spreadsheet Is an Attachment to this E-Mail.</p>	8/27/98
II-D-57	8/31/98	<p>B. Clary, Miratech to B. Richani, AGTI. Facsimile. Comments Made on a Letter to B. Clary from J. Snyder Concerning Catalyst Control Cost Information Request.</p> <p>Attachments Are as Follows: -List of Model Engines. -Cost Parameter Assumptions. -OAQPS CCM Cost Methodology.</p>	8/28/98

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II-D-58	11/20/98	<p>R. Whiteley, Engelhard to J. Snyder, AGTI. Facsimile. Model Engine Cost Estimates.</p> <p>Attachments Are as Follows: -Engelhard's Estimates for Catalytic Controls for the Engines Provided. -Cost Methodology Assumptions.</p>	11/20/98
II-D-59		<p>R. Mueller, Siemens Power Corp. to B. Richani, AGTI. Letter. Information Requested on SCR for Larger RICE.</p> <p>Attachments are as Follows: -Experience with the Reduction of NO_x Emissions from Diesel Cogeneration Plants and Industrial Incineration Facilities. Prepared by: Siemens. May 1995. -SINO_xTM System Fact Sheets. Prepared by: Siemens. -Marine Diesel NO_x Reduction Technique- A New Sulzer Diesel Ltd. Approach. Prepared by: Siemens. Prepared for Intl. Congress and Exposition. February 24-27, 1997. -M. Grove, Intermacom AG to M. Bolstrum, EPA. Letter. Technology Assessment on NO_x Reduction for 2-Cycle Gas Engines at Gas Pipeline Compressor Stations. -SINO_xTM SCR Systems-An Experience Report on Reducing Emissions of Criteria Pollutants of Stationary and Mobile Sources. Prepared by: Siemens. Prepared for ICAC Forum. -SINO_xTM-Exhaust Gas Treatment Plants and Systems. -SINO_xTM Systems for Clean Diesel Trucks. Prepared by: Siemens. Prepared for: SAE Truck and Bus Meeting. November, 1998.</p>	12/17/98

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II-D-60		B. Willson, CSU to S. Roy, EPA:ESD. Memorandum. Information Related to Catalyst Procurement and Aging.	3/17/99
II-D-61		J. McCarthy, GRI to W. Lamason, EPA:EMC. Letter. Data From Test Program at CSU.	3/31/99
II-D-62		B. Stachowicz, Waukesha Engine Division to J. Snyder, AGTI. Facsimile. 3521GL Performance Data.	4/27/99
II-D-63		W. Chu, Johnson Matthey to B. Richani, AGTI. Facsimile. High Activity Catalyst System Reduces CO and NMHC Emissions.	5/6/99

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II-D-64		<p>B. Clary, Miratech to S. Roy, EPA:ESD. Information Regarding Catalysts for 2SLB and 4SLB engine tests at CSU.</p> <p>Attachments Are as Follows:</p> <ul style="list-style-type: none"> -J. Cottrill, Miratech to G. Hutcherson, CSU. Letter. Standard Oxidation Elements for Waukesha 3521. April 19, 1999. -B. Willson, CSU to B. Clary, Miratech. Memorandum. Oxidation Catalyst. March 17, 1999. -J. Cottrill, Miratech to G. Hutcherson, CSU. Letter. ICCR Proposal Request - Revision 5. December 3, 1998. -J. Cottrill, Miratech to G. Hutcherson, CSU. Letter. ICCR Proposal Request - Revision 4. November 19, 1998. -B. Clary, Miratech to B. Willson, CSU. Letter. ICCR Proposal Request - 3rd Revision. July 7, 1998. -B. Willson, CSU to W. Chu, Johnson Matthey, and B. Clary, Miratech. Memorandum. Catalyst Selection/Procurement for the EPA/ICCR Catalyst Testing Program. June 24, 1998. -B. Clary, Miratech to B. Willson, CSU. Letter. ICCR Proposal Request - 2nd Revision. March 23, 1998. -Request for Participation. Evaluation of the Effect of Standard Oxidation & NSCR Catalysts on HAP Emissions From Natural Gas and Diesel Engines. RICE Work Group. February 20, 1998. 	5/13/99

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II-D-64 continued		<ul style="list-style-type: none"> -G. Hutcherson, CSU to B. Clary, Miratech. Memorandum. Documentation of Catalyst Housing and Element Donation. December 9, 1997. -B. Clary, Miratech to G. Hutcherson, CSU. Memorandum. Documentation of Catalyst Housing and Element Donation. December 9, 1997. -Collected Oxidation Performance Data. -B. Clary, Miratech. Memorandum. Catalyst References. June 24, 1998. -Miratech List of Recommended Testing Firms and Consulting/Air Modeling Firms. -Miratech Corp. Emission Control Equipment Specification Summary. -Miratech Corp. Application Data Sheet. -Miratech Corp. Catalyst Manual. Installation, Operation, Troubleshooting. October 1998. -Miratech Corp. Diesel Oxidation Catalyst. -Catalyst Design Specifications Industrial Diesel Catalyst System. -Miratech Corp. Oxidation Catalyst. -Catalyst Design Specifications Industrial Oxidation Catalyst System. -Miratech Corp. 3-Way Catalyst System. -Catalyst Design Specifications Industrial Catalyst System 3-Way NSCR. -Miratech Corp. Engine Lubrication Oil Recommendations-4 Cycle Engines. -Evaluation of Automotive Oxygen Sensors for Steady-State Air/Fuel Ratio Control and its OBD Characteristics on Natural Gas Engines. 	
II-D-65		B. Willson, CSU to S. Roy, EPA:ESD. Facsimile. Information on Catalysts for 2-Stroke and 4-Stroke Engines.	5/26/99

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II-D-66		S. Clowney, Tennessee Gas Pipeline to W. Lamason, EPA:EMC. Letter. Data From Test Program at CSU.	6/7/99
II-D-67		S. Clowney, Tennessee Gas Pipeline to A. Aldridge, EPA:ESD. Letter. Emissions Data From Several Gas Compressor 2SLB Engines. Attachment: -El Paso Field Services Quarterly Emission Test Report. December 9, 1998.	6/18/99

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II-D-68		<p>S. Clowney, Tennessee Gas Pipeline to A. Aldridge, EPA:ESD. E-Mail. Additional Emissions Data for Engines Operating with Oxidation Catalysts.</p> <p>Attachments are as follows:</p> <ul style="list-style-type: none"> -El Paso Field Services Quarterly Emission Test Report. Largo1 Caterpillar 3612. May 12, 1999. -El Paso Field Services Quarterly Emission Test Report. Ballard 2 Caterpillar 3612. April 19, 1999. -El Paso Field Services Quarterly Emission Test Report. Kutz 1 Caterpillar 3612. April 27, 1999. -El Paso Field Services Quarterly Emission Test Report. Lindrith 1 Caterpillar 3612. June 4, 1999. -El Paso Field Services Quarterly Emission Test Report. Lindrith 2 Caterpillar 3612. June 4, 1999. -El Paso Field Services Quarterly Emission Test Report. Chaco 8A Caterpillar 3616. May 19, 1999. -El Paso Field Services Quarterly Emission Test Report. Chaco 11A Caterpillar 3616. May 24, 1999. -El Paso Field Services Quarterly Emission Test Report. Chaco Bisti8 Caterpillar 3608. May 27, 1999. -El Paso Field Services Quarterly Emission Test Report. Chaco Cryo 8103 Caterpillar 3608. April 30, 1999. 	6/24/99

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II-D-68 continued		-El Paso Field Services Quarterly Emission Test Report. Chaco Cryo 8104 Caterpillar 3608. May 3, 1999. -El Paso Field Services Quarterly Emission Test Report. Chaco 8112 Caterpillar 3608. April 7, 1999.	
II-D-69		R. Stachowicz, Waukesha Engine Division to W. Lamason, EPA:EMC. Letter. Data From Emissions Test Program at CSU.	6/25/99
II-D-70		S. Clowney, Tennessee Gas Pipeline to A. Aldridge, EPA:ESD. Letter. Emissions Data From Several Gas Compressor 2SLB Engines. Attachments are as follows: -El Paso Field Services Quarterly Emission Test Reports, Unit A2, Cooper GMVC-10, 1996-1999. -El Paso Field Services Quarterly Emission Test Reports, Unit A4, Cooper GMVC-10, 1997-1999. -El Paso Field Services Quarterly Emission Test Reports, Unit B2, Clark TLA-10, 1996-1999.	7/16/99
II-D-71		S. Clowney, Tennessee Gas Pipeline to A. Aldridge, EPA:ESD. Letter. Emissions Data for Two Ingersoll-Rand KVG-412 Engines.	7/30/99
II-D-72		J. Sartain, Miratech Corporation to B. Willson, CSU, cc: S. Roy, EPA:ESD. Letter. Catalyst Analysis.	8/26/99

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II-D-73		S. Clowney, Tennessee Gas Pipeline to S. Roy, EPA:ESD. Letter. Timing of the Catalyst Washing Conducted for the Oxidation Catalysts Installed on the 2SLB Engines at the El Paso Field Services Chaco Station.	9/3/99
II-D-74		L. Coerr, Coerr Environmental to J. Snyder, AGTI. E-mail. Prioritization Document.	9/13/99
II-D-75		S. Clowney, Tennessee Gas Pipeline to S. Roy, EPA:ESD. Letter. Response to Question Regarding Emissions Data for Two Ingersoll-Rand KVG-412 Engines.	9/16/99

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II-D-76		D. Dowdall, EMA to W. Lamason, EPA:EMC. Letter. Data from Emissions Test Program at CSU.	6/28/99
II-D-77		H. Anderson, Danish Gas Technology Centre to B. Richani, AGTI. Letter. GRI Conference, San Antonio - Research Data from DGC.	7/15/99
II-D-78		W. Chu, Johnson Matthey to B. Richani, AGTI. E-mail. I/C Catalyst Information. Attachments are as follows: 1. Gas-Powered Co-Generation 2. Bronx Zoo Expands Cogen Plant to Accommodate Growth, Reliability. 3. Oxidation Catalyst Applied to Odor Control 4. Performance of SCR and Oxidation Catalyst on Dual Fuel and Diesel Fuel Engine 5. Novel Catalytic System Reduces Smoke at District Heating Plant 6. High Activity Catalyst System Reduced CO and NMHC Emissions 7. Performance of the Leesburg Oxidation Catalyst System 8. Diesel Oxidation Catalytic Muffler for Urban Bus Diesel Engines 9. JM Installation List.	9/29/99
II-D-79		K. Hallstrom, Engelhard Corp. to S. Roy, EPA:ESD. Letter. Engelhard's Standard Product Literature for Stationary Engine Catalysts.	10/25/99
II-D-80		D. Dowdall, EMA to T. Harrison, EPA:EMC. Letter. Data from Emissions Test Program at CSU.	1/26/00

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II-D-81		J. Somerhalder II, El Paso Energy Pipeline Group, to J. Seitz, EPA:OAQPS. Letter. Implementation Difficulties Accompanying Promulgation of the EPA MACT Standard for RICE.	2/23/00
II-D-82		W. Clary, Miratech Corp. to B. Willson, CSU, cc B. Richani, AGTI. Facsimile. Kemira Test Results - CSU Oxidation Catalyst.	3/1/00
II-D-83		J. McCarthy, GRI to S. Roy, EPA:ESD. Letter. Ammonia Emissions from RB Engines Controlled with NSCR Catalysts and Status of GRI Bench-Scale Oxidation Catalyst Testing for LB Engine Applications. Attachments are as follows: A. Implementing FTIR and GCMS for Measuring Emissions from NG 4SRB RICE Fitted with NSCR B. Measurement of Air Toxic Emissions from NG ICE at Natural Gas Transmission and Storage Facilities, Vol. II C. Preliminary Ammonia Emissions Data for RB Engines Equipped with NSCR Catalysts D. Facsimile from B. Stachowicz to S. Coerr regarding Ammonia Data	4/25/00
II-D-84		S. Coerr, Coerr Environmental to B. Richani, AGTI. E-mail. AGA 1996 Engines, Turbines and Compressor Directory.	6/1/00
II-D-85		G. Smith, API to S. Roy, EPA:ESD. Letter. Implementation of the 112(n)(4) Language in the Engine and Turbine MACT Rules.	8/10/00

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II-D-86		R. Stachowicz, Waukesha Engine Division to T. Harrison, EPA:EMC. Letter. Reference: Draft Final Report; Waukesha F3521GL Engine Test.	9/1/00
II-D-87		J. McCarthy, GRI to T. Harrison, EPA:EMC. Letter. Comments on the EPA Draft Report on the Emission Test Results for the Waukesha at the CSU EECL.	9/20/00
II-D-88		M. Walther, Coerr Environmental Corp., to J. Snyder, AGTI. E-mail. Natural Gas Transmission Facilities Subject to HAPs Regulation.	9/8/01
II-D-89		S. Kneiss, American Forest and Paper Association to J. Holmstead, EPA:OAR and T. Gibson, EPA:OPEI. Letter Transmitting 3 White Papers Outlining Suggestions for a Concentration-Based Exemption from MACT Applicability, a Risk-Based Exclusion of Low Emitting Facilities, and a Memorandum of Understanding Approach to Allowing Risk-Based Delisting of Facilities.	1/2/02
II-D-90		D. Newbury, Miratech Corp., to M. Taylor, AGTI. E-mail. Engine Startup Time for Catalyst Operation.	9/17/02
II-D-91		B. Stachowicz, Waukesha Engine Division, Dresser Industries, to J. Snyder, AGTI. E-mail. Catalyst Light Off Time.	9/20/02
II-D-92		W. Passie, Caterpillar, to J. Snyder, AGTI. E-mail. Catalyst Warmup Period.	9/20/02
II-D-93		K. Hanks, RTI to Docket File. References presented in section IV.G of the proposal preamble.	10/7/02

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II-E-1		J. Snyder, AGTI to the Engines Population Subgroup. October 7, 1997, Conference Call. Attachment Is as Follows: -B. Stachowicz, Data on Six Waukesha Models.	
II-E-2		R. Howle, AGTI to P. May, Radian Corp. Telecon: to Identify Recent HAP or NO _x Emissions Test Data for RICE.	8/29/95
II-E-3		R. Howle, AGTI to B. Loh, State of NJ. Telecon: Air Toxics Inventory	8/29/95
II-E-4		R. Howle, AGTI to O. Boyko, NJ Bureau of Air Quality. Telecon: New Jersey Does Not Have Any Air Toxics Emission Inventory.	8/31/95
II-E-5		B. Richani, AGTI to H. Lee. Telecon: Testing on RICE for NO _x , VOC, Methane, and Ethane. Test Methods EPA 18, SCD 25.2, EPA 25A.	10/12/95
II-E-6		B. Richani, AGTI to G. Slappsaddle, Kilkelly Environmental Services. Telecon: Requesting Source Testing on RICE for NO _x , VOC, Methane, and Ethane.	10/12/95
II-E-7		B. Richani, AGTI to B. Reynolds, Lake County AQMD. Telecon: North California Power Agency Tests in Middletown.	10/16/95
II-E-8		B. Richani, AGTI to J. Petrini, Santa Barbara Air Pollution Control District. Telecon: RICE and CT Test Data from ATEDS Database.	10/16/95

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II-E-9		B. Richani, AGTI to T. Thomas, Ventura County Air Pollution Control District. Telecon: Requesting HAP Data from RICE and CT Sources.	10/16/95
II-E-10		B. Richani, AGTI to D. Craft, Monterey AQMD. Telecon: RICE and CT Test Data.	10/16/95
II-E-11		B. Richani, AGTI to G. Fin, Bay Area Air Quality. Telecon: RICE and CT Test Data.	10/16/95
II-E-12		B. Richani, AGTI to R. Bode, CARB. Telecon: "Hot Spots Program" Regarding HAP Emissions.	10/17/95
II-E-13		B. Richani, AGTI to C. Castronova, CARB. Telecon: HAP Data for RICE and CT Sources. Data Collected for the "Hot Spots Program."	10/17/95
II-E-14		B. Richani, AGTI to R. Grant, CARB. Telecon: Source Tests Including CT and RICE.	10/17/95
II-E-15		B. Richani, AGTI to B. Nishimura and B. Bateman, Bay Area AQMD. Telecon: Air Resources Board (ARB) Source Tests on RICE and CT.	10/17/95
II-E-16		B. Richani, AGTI to B. Schweh, CARB. Telecon: HAP Emission Compilation and Evaluation Source Tests by CARB and EPA.	10/18/95
II-E-17		B. Richani, AGTI to B. Lee, Northern Sonoma APCD. Telecon: Available Tests and a List of Available HAP Data or Emission References.	10/20/95

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II-E-18		B. Richani, AGTI to J. Perczewski, NJ Bureau of Technical Services. Telecon: Test for HAP from RICE and CT for New Jersey.	10/24/95
II-E-19		B. Richani, AGTI to B. Nishimura, Bay Area AQMD. Telecon: Gathering RICE Data for Bay Area.	10/24/95
II-E-20		B. Richani, AGTI to R. Segall, EPA:EMC. Telecon: Regarding FTIR Testing Method for Formaldehyde Emissions.	10/26/95
II-E-21		S. Anand, AGTI to J. Workman, Virginia Department of Environmental Quality. Telecon: Follow up Call from October 16, 1995, Regarding Source of be Emission Factors from Engine Generators at the Navy Public Works Center, Norfolk, VA.	10/26/95
II-E-22		S. Anand, AGTI to T. Quarles, SEACOR. Telecon: Requesting Source Test Data on RICE and Gas Turbines.	10/31/95
II-E-23		S. Anand, AGTI to M. Hoggan, South Coast Air Quality Management District. Telecon: Requesting SCAQMD's Report Titled "Air Quality Trends in California's South Coast and Southeast Desert Air Basins," 1976-1990, Air Quality Management Plan, Appendix II-B.	11/1/95
II-E-24		S. Anand, AGTI to D. Zigich, New Mexico Air Pollution Control Bureau. Telecon: New Mexico Currently Drafting Title V Permits That Would Require Emissions Data to be Reported from RICE, No Test Data Available Currently.	11/1/95

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II-E-25		B. Richani, AGTI to B. Bateman, Bay Area AQMD. Telecon: Requesting Data for RICE for the Bay Area.	11/3/95
II-E-26		B. Richani, AGTI to L. Stookey, Southwest Air Pollution. Telecon: Requesting Four Test Reports Which Contain HAP Data in the State of Washington.	11/3/95
II-E-27		B. Richani, AGTI to G. Pade, Puget Sound Air Pollution Control. Telecon: Availability of Northwest Pipeline Source Test.	11/7/95
II-E-28		B. Richani, AGTI to H. Doss, Bay Area AQMD. Telecon: Regarding WSPA Pooled Test.	11/11/95
II-E-29		B. Richani, AGTI to V. Lagen. Telecon: Regarding Source Test on Both RICE and CT.	11/13/95
II-E-30		A. Refik, AGTI to S. Harvey, BP Exploration, Alaska. Telecon: Requesting HAP Emission Tests for RICE and CT.	11/13/95
II-E-31		A. Refik, AGTI to S. Arita, WSPA. Telecon: Regarding Two Pooled Tests for RICE and CT.	11/15/95
II-E-32		B. Richani, AGTI to H. Doss, Bay Area AQMD. Telecon: Regarding No Response in Finding Test Reports for Bay Area.	11/21/95
II-E-33		B. Richani, AGTI to E. Bowles, Radian Corp. Letter: Summary of November 29, 1995, Meeting. Copies of Gathered HAP Emissions Data for RICE and CTs Based on CARB Testing Methodologies.	12/6/95

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II-E-34		A. Refik, AGTI to T. Cristefell, New York Department of Environmental Conservation. Telecon: Availability of HAP Emission Tests for RICE and CT, None Available in New York.	12/8/95
II-E-35		A. Refik, AGTI to A. Dejbakhsh, South Coast APCD. Telecon: Requesting HAP Emission Tests for RICE and CT from South Coast APCD.	12/8/95
II-E-36		J. Camp and B. Richani, AGTI to ICCR Project File. Memorandum. Questions Presented and Answered During the August 1, 1996 ICCR Satellite Broadcast.	8/22/96
II-E-37		A. Agnew, ESD:EPA to RICE Project File. Summary of ICCR Source Work Group Meeting, RICE and CT. Full Minutes: October 2, 1996.	10/2/96
II-E-38		A. Agnew, ESD:EPA to RICE Project File. Summary of ICCR Source Work Group Meeting. RICE Work Group. Full Minutes: November 7, 1996.	11/7/96
II-E-39		A. Agnew, ESD:EPA to RICE Project File. Summary of ICCR Source Work Group Meeting. RICE Work Group. Full Minutes: January 7, 1997.	1/7/97
II-E-40		A. Agnew, ESD:EPA to RICE Project File. Summary of ICCR Source Work Group Meeting. RICE Work Group. Full Minutes: February 11, 1997.	2/11/97
II-E-41		R. Howle, AGTI to Database Structure Subgroup Members. Memorandum: Anticipated AGTI Database Activities.	3/6/97

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II-E-42		A. Agnew, ESD:EPA to RICE Project File. Summary of ICCR Source Work Group Meeting, RICE Work Group. Full Minutes: March 18, 1997.	3/18/97
II-E-43		R. Howle, AGTI to the RICE Emissions Subgroup. Memorandum: List of Detected Pollutants Based on May 15, 1997 Telecon.	5/19/97
II-E-44		A. Agnew, ESD:EPA to RICE Project File. Summary of ICCR Source Work Group Meeting. RICE Work Group Meeting. Full Minutes: May 22, 1997.	5/22/97
II-E-45		A. Agnew, ESD:EPA to RICE Project File. Summary of ICCR Source Work Group Meeting. RICE Work Group Meeting. Full Minutes: July 24, 1997.	7/24/97
II-E-46		A. Agnew, ESD:EPA to RICE Project File. Summary of ICCR Source Work Group Meeting. RICE Work Group Meeting. Full Minutes: September 18, 1997.	9/18/97
II-E-47		A. Agnew, ESD:EPA to RICE Project File. Summary of ICCR Source Work Group Meeting, October 30, 1997. RICE Work Group Meeting. Skybird Meeting Centre, Chicago, Illinois. Full Minutes: October 30, 1997.	10/30/97
II-E-48		A. Agnew, ESD:EPA to RICE Project File. Summary of ICCR Source Work Group Meeting. RICE Work Group Meeting Minutes. Full Minutes: November 20, 1997.	11/20/97
II-E-49		J. Rucker, AGTI to D. Armstrong, Ina Road Water Pollution Control Facility. Telecon: Availability of HAP Emissions Reports.	1/16/98

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II-E-50		J. Rucker, AGTI to J. Chen, Alvarado Wastewater Treatment. Telecon: Availability of HAP Emissions Reports.	1/16/98
II-E-51		J. Rucker, AGTI to J. Ives, Bowerd County Street and Highway Division. Telecon: Availability of HAP Emissions Reports.	1/21/98
II-E-52		J. Rucker, AGTI to L. Sharp, Herman Foods, Inc./County Market. Telecon: Availability of HAP Emissions Reports.	1/26/98
II-E-53		J. Rucker, AGTI to B. Rivehart, Dicksons, Inc. Telecon: Availability of HAP Emissions Reports.	1/26/98
II-E-54		J. Rucker, AGTI to R. Gibson, City of St. Louis. Telecon: Availability of HAP Emissions Reports.	1/26/98
II-E-55		J. Rucker, AGTI to G. Hale, Hale Body Shop. Telecon: Availability of HAP Emissions Reports.	1/26/98
II-E-56		J. Rucker, AGTI to G. Hooper, Deckerville Community Hospital. Telecon: Availability of HAP Emissions Reports.	1/26/98
II-E-57		J. Rucker, AGTI to J. Caron, Sr. High School. Telecon: Availability of HAP Emissions Reports.	1/27/98
II-E-58		J. Rucker, AGTI to C. Scheib, Lisbon Road Animal Hospital. Telecon: Availability of HAP Emissions Reports.	1/27/98
II-E-59		A. Agnew, ESD:EPA to RICE Project File. Summary of ICCR RICE Emissions Subgroup Meeting. New Orleans, Louisiana. Full Minutes: February 3, 1998.	2/3/98

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II-E-60		J. Rucker, AGTI to M. Cole, DBA Northern Colorado Animal League. Telecon: Availability of HAP Emissions Reports.	2/5/98
II-E-61		J. Rucker, AGTI to K. Silviera, Watsonville Wastewater Facility. Telecon: Availability of HAP Emissions Reports.	2/5/98
II-E-62		J. Rucker, AGTI to M. Meza, Bellwood Electric Motors. Telecon: Availability of HAP Emissions Reports.	2/5/98
II-E-63		J. Rucker, AGTI to L. Harrison, Montrose Cemetery and Crematorium. Telecon: Availability of HAP Emissions Reports.	2/6/98
II-E-64		J. Rucker, AGTI to S. Ray, City of Waycross. Telecon: Availability of HAP Emissions Reports.	2/6/98
II-E-65		J. Rucker, AGTI to A. Beckner, Forest Meadows Funeral Home. Telecon: Availability of HAP Emissions Reports.	2/6/98
II-E-66		J. Rucker, AGTI to A. Correll, El Paso, County Medical Examiner. Telecon: Availability of HAP Emissions Reports.	2/6/98
II-E-67		J. Rucker, AGTI to D. Haren, D. Plaine Waste Water Treatment Plant. Telecon: Availability of HAP Emissions Reports.	2/9/98
II-E-68		J. Rucker, AGTI to N. Russell, Village of Villa Park. Telecon: Availability of HAP Emissions Reports.	2/9/98
II-E-69		J. Rucker, AGTI to F. Tripichlio, Village of Lincolnshire. Telecon: Availability of HAP Emissions Reports.	2/9/98

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II-E-70		B. Richani, AGTI to D. Sparks, Saint Agnes Medical Center. Telecon: Availability of HAP Emissions Reports.	2/10/98
II-E-71		J. Rucker, AGTI to C. Stow, Calais Regional Hospital. Telecon: Availability of HAP Emissions Reports.	2/10/98
II-E-72		A. Agnew, ESD:EPA to RICE Project File. Summary of ICCR Source Work Group Meeting. RICE Work Group Meeting. Adams Mark Hotel, Winston Salem, North Carolina. Full Minutes: February 26, 1998.	2/26/98
II-E-73		A. Agnew, ESD:EPA to RICE Project File. Summary of ICCR Source Work Group Meeting. RICE Work Group Meeting. Amoco Building, Houston, Texas. Flash Minutes: April 3, 1998.	4/3/98
II-E-74		A. Agnew, ESD:EPA to RICE Project File. Summary of ICCR Source Work Group Meeting. RICE Work Group Meeting. Engines and Energy Conversion Lab, Fort Collins, Colorado. Full Minutes: April 30, 1998.	4/30/98
II-E-75		B. Richani, AGTI to D. Price, Ventura County Air Pollution Control District. Telecon: Ventura County Size Cutoffs for Engines.	5/20/98
II-E-76		B. Richani, AGTI to V. Newsom, Amoco. Telecon: Size Cutoff for 4SRB Units.	5/20/98
II-E-77		B. Richani, AGTI to R. Hamilton, TNRCC. Telecon: Operator Inspection Plans and Engine Size Cutoffs in Texas.	5/27/98

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II-E-78		B. Richani, AGTI to R. Hamilton, TNRCC. Telecon: Maximum Annual Operating Hours for Emergency Conditions.	6/1/98
II-E-79		B. Richani, AGTI to G. Brown, Exxon. Telecon: Emergency Units.	6/1/98
II-E-80		A. Agnew, ESD:EPA to RICE Project File. Summary of ICCR Source Work Group Meeting. RICE Work Group Meeting. Full Minutes: July 30, 1998.	7/30/98
II-E-81		A. Agnew, ESD:EPA to RICE Project File. Summary of ICCR Source Work Group Meeting. RICE Work Group Meeting. Full Minutes: September 1, 1998.	9/1/98
II-E-82		A. Agnew, EPA:ESD to RICE Project File. Summary of ICCR Source Work Group Teleconference. RICE Work Group Meeting. Flash Minutes. August 12, 1998.	8/12/98
II-E-83		A. Agnew, EPA:ESD to RICE Project File. Summary of ICCR Source Work Group Teleconference. RICE Work Group Meeting. Flash Minutes. August 28, 1998.	8/28/98
II-E-84		A. Agnew, EPA:ESD to RICE Project File. Summary of ICCR Source Work Group Meeting. RICE Work Group. Days Inn, RTP, NC. Flash Minutes. September 1, 1998.	9/1/98
II-E-85		D. Falgout, PES to Test Group, Including T. Harrison, EPA:EMC and A. Agnew, EPA:ESD. Teleconference. September 23, 1998.	9/23/98

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<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
II-E-86		D. Falgout, PES to Test Group, Including T. Harrison, EPA:EMC and A. Agnew, EPA:ESD. Teleconference. September 30, 1998.	9/30/98
II-E-87		J. Chehaske, PES to Test Group, Including T. Harrison, EPA:EMC and A. Agnew, EPA:ESD. Teleconference. October 7, 1998.	10/7/98
II-E-88		D. Falgout, PES to Test Group, Including T. Harrison, EPA:EMC and A. Agnew, EPA:ESD. Teleconference. October 14, 1998.	10/14/98
II-E-89		D. Falgout, PES to Test Group, Including T. Harrison, EPA:EMC and A. Agnew, EPA:ESD. Teleconference. October 28, 1998.	10/28/98
II-E-90		D. Falgout, PES to Test Group, Including T. Harrison, EPA:EMC and A. Agnew, EPA:ESD. Teleconference. November 4, 1998.	11/4/98
II-E-91		D. Falgout, PES to Test Group, Including T. Harrison, EPA:EMC and A. Agnew, EPA:ESD. Teleconference. November 18, 1998.	11/18/98
II-E-92	12/31/98	J. Snyder and B. Richani, AGTI to D. Bell, EPA:ESD. Memorandum. Summary of Industry Meeting with EPA, GRI, and INGAA. Mutual Life Building, Durham, NC. Full Minutes. November 17, 1998.	12/31/98

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II-E-93		D. Falgout, PES to Test Group, Including T. Harrison, EPA:EMC and A. Agnew, EPA:ESD. Teleconference. January 28, 1999.	1/28/99
II-E-94		L. Coerr, Coerr Environmental to S. Roy, EPA:ESD. Key Points from the Meeting to Discuss Emissions Testing Program to be Conducted at CSU's Engines and Energy Conversion Laboratory. PES, RTP, NC. March 4, 1999.	3/4/99
II-E-95		J. Snyder and B. Richani, AGTI to RICE NESHAP and NSPS Project Files. Memorandum. Summary of March 15, 16, 17 and 18 Teleconferences regarding Catalysts and the Testing Effort at CSU.	3/22/99
II-E-96		L. Coerr, Coerr Environmental to S. Roy, EPA:ESD. Key Points from the Meeting to Discuss Emissions Testing Program to be Conducted at CSU's Engines and Energy Conversion Laboratory. CSU, Fort Collins, CO. March 31, 1999.	3/31/99
II-E-97		B. Richani, AGTI to S. Roy, EPA:ESD. Key Points from the Meeting with Miratech Corp. Miratech Corp., Tulsa, OK. May 10, 1999.	5/10/99
II-E-98		B. Richani, AGTI to S. Roy, EPA:ESD. Meeting Minutes for the May 26 Meeting with EPA, CSU, GRI, Miratech, and PRCI. Marriott Riverwalk, San Antonio, TX. May 26, 1999.	5/26/99

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II-E-99		S. McKee and J. Snyder, AGTI to RICE NESHAP and NSPS Project Files. Memorandum. Summary of May 17, 1999 Teleconference Regarding Catalysts and the Testing Effort at CSU.	6/1/99

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II-E-100		A. Agnew, EPA:ESD to RICE Project File. Summary of ICCR Source Work Group Teleconference. RICE Work Group Meeting. Flash Minutes: August 19, 1998.	8/19/98
II-E-101		A. Agnew, EPA:ESD to RICE Project File. Summary of ICCR Source Work Group Teleconference. RICE Work Group Meeting. Flash Minutes: September 3, 1998.	9/3/98
II-E-102		S. McKee, AGTI to R. Hamilton, TNRCC. Telecon. TNRCC Regulation of HAP for Stationary RICE.	8/25/99
II-E-103		B. Richani, AGTI to B. Clary, Miratech. Telecon. Parametric Monitoring of Catalysts.	1/5/00
II-E-104		B. Richani, AGTI to M. Durilla, Engelhard. Telecon. Parametric Monitoring of Catalysts.	1/7/00
II-E-105		M. Taylor, AGTI to S. Vaughn, Nicolet Instrument Corp. Telecon. Cost for FTIR System.	1/18/00
II-E-106		M. Taylor, AGTI to J. Jacobs, Energy Efficiency. Telecon. Cost for a Portable CO Monitor.	1/19/00
II-E-107		M. Taylor, AGTI to B. Borysewicz, Mattson Instruments. Telecon. Cost for FTIR System.	1/20/00
II-E-108		J. Snyder, AGTI to B. Heater, Cooper Energy Services. Telecon. Sales Information for 2S RICE Estimate.	1/31/00

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II-E-109		J. Snyder, AGTI to J. Tripp, Gregory Poole Equipment. Telecon. Costs for Caterpillar Engines.	2/2/00
II-E-110		Meeting of Industry Representatives from the Natural Gas Transmission Industry with EPA to Discuss IC Engine MACT Implementation Issues, March 29, 2000.	3/29/00
II-E-111		B. Richani, AGTI to P. Kirschner, El Paso Energy. Telecon. Operation of RICE with Regards to Load.	4/5/00
II-E-112		B. Richani and J. Snyder, AGTI to B. Clary, Miratech Corp. Telecon. Feasibility of Application of CO Catalysts to 4SRB RICE.	6/2/00
II-E-113		J. Snyder, AGTI to Multiple Small Businesses. Telecon. Small Businesses Affected by CT Regulation.	7/17/00
II-E-114		S. Roy, EPA:ESD to Turbines and Engines Dockets. Memorandum. Meeting with API Regarding Section 112(n)(4) Issues for CT and RICE MACT.	7/31/00

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II-E-115		<p>S. Roy, EPA:ESD to RICE MACT Docket. Memorandum. Meeting on March 29, 2000 with El Paso Energy Corp.</p> <p>Attachments are as follows:</p> <ol style="list-style-type: none"> 1. Letter Requesting Meeting 2. Agenda 3. Presentation Slides 4. Implementation Problems 5. Possible Implementation Remedies 6. ANR Pipeline Company Blue Lake Facility Report 7. TGP Emissions Data from Coudersport PA. 	8/29/00
II-E-116		J. Snyder, AGTI, to T. Lovell, State of Colorado. Telecon. Four Lean Pre-mix Test Reports and the Effect of HRSG.	9/13/01
II-E-117		M. Taylor, AGTI, to J. McDonald, Miratech Corp. Telecon. Operating Cost of Oxidation Catalyst for RICE.	10/1/01
II-E-118		J. Snyder, AGTI, to B. Stachowicz, Waukesha Engine Division, Dresser Industries. Telecon. Catalyst Warmup Periods from an Engine Cold Start.	9/19/02

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II-F-1		R. Perciasepe, EPA to R. Farrell, Associate Administrator for Policy and Reinvention. Memorandum. NESHAP for Stationary RICE Action Memorandum: for OMB Review. Attachment: 1. RICE NESHAP Proposed Rule.	8/25/00
II-F-2		S. Roy, EPA:ESD to E. Haxthausen, OMB. Memorandum. Submittal of the RIA for RICE MACT. Note: The attachment is located in Docket OAR-2002-0059 as Item Number II-A-15.	9/7/00
II-F-3		R. Evans, S. Roy, L. Conner and R. Wayland, EPA:OAQPS. Presentation. OMB Briefing in Washington, DC on September 25, 2000 of NESHAP for RICE.	9/25/00
II-F-4		R. Wayland, EPA:ESD to E. Haxthausen, OMB. Letter. Additional information request from October 3, 2000 E-mail. Attachments: A. National Impacts Memorandum for RICE B. The Benefits of CEMS as Enhanced Monitoring C. CO Removal Efficiency as a Surrogate for HAP Removal Efficiency	10/17/00

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II-F-5		<p>S. Roy, EPA:ESD to E. Haxthausen, OMB and A. Perez, SBA. Memorandum. Submittal of Requested Information on RICE Tests Regarding Representativeness of Engines and Test Conditions.</p> <p>Attachments are as follows: 1. Information on Engine Specifications from QAPP 2. Meeting Minutes from March 31, 1999 CSU Meeting</p>	11/13/00
II-F-6		<p>R. Wayland, EPA:ESD, to E. Haxthausen, OMB. Letter. Response to 11/15/00 E-mail Questions from SBA.</p> <p>Attachments are as follows: 1. Test Matrix Documentation 2. Proposed Prioritization of Test Runs for the Emissions Testing at CSU 3. March 18, 1997 Handouts from Engelhard 4. Catalytic Control of UHC Emissions in CT Exhausts.</p>	11/20/00
II-F-7		<p>M. Froehlich, Associate Deputy Administrator of EPA to M. Daniels, Director of OMB. Letter. Re: Withdrawal of EPA Actions from OMB Review.</p>	2/14/01
II-F-8		<p>J. Holmstead, Assistant Administrator of EPA:OAR, to T. Gibson, Associate Administrator of OPEI. Letter. NESHAP for Stationary RICE Action Memorandum: for OMB Review.</p>	4/2/02

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II-F-9		S. Roy, EPA:ESD to B. Allen, OMB. E-mail. Request for Information for RICE MACT for OMB Review. Note: The attachment for this E-mail can be found as Document Number II-A-16 of Docket Number OAR-2002-0059.	5/03/02
II-F-10		S. Roy, EPA:ESD to B. Allen, OMB. E-mail. Request for Information for RICE MACT - Rational Memos. Note: Attachments for this E-mail can be found as Document Numbers II-B-35, II-B-42, II-B-44, II-B-45, and II-B-48 of Docket Number OAR-2002-0059.	5/03/02
II-F-11		B. Allen, OMB to S. Roy, EPA:ESD. E-mail. Questions on RICE NESHAP.	5/9/02
II-F-12		B. Allen, OMB to S. Roy, EPA:ESD. E-mail. 2 more questions.	5/9/02
II-F-13		S. Roy, EPA:ESD to B. Allen, OMB. E-mail. Questions on RICE NESHAP.	5/17/02
II-F-14		B. Allen, OMB to S. Roy, EPA:ESD. E-mail. Re: Questions on RICE NESHAP.	5/22/02
II-F-15		S. Roy, EPA:ESD to B. Allen, OMB. E-mail. Re: Questions on RICE NESHAP. Note: One attachment for this E-mail is attached. The other attachment can be found as Document Number II-B-33 of Docket Number OAR-2002-0059.	5/28/02
II-F-16		L. Conner, EPA:ISEG to A. Fraas, OMB. Telefax. Baseline Emissions of NOx at RICE Sources.	6/04/02

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II-F-17		S. Roy, EPA:ESD to L. Conner, EPA:ISEG. E-mail. Discussion of OMB Questions and Comments on the RICE MACT.	6/05/02
II-F-18		S. Roy, EPA:ESD to B. Allen, OMB. E-mail. Partial Replies to the Teleconference Call on RICE MACT on 5/31/02.	6/18/02
II-F-19		S. Roy, EPA:ESD to B. Allen, OMB. E-mail. Replies to OMB Comments from 5/31/02 Teleconference.	6/21/02
II-F-20		S. Roy, EPA:ESD to B. Allen, OMB. E-mail. Replies to OMB Comments from 5/31/02 Teleconference.	6/24/02
II-F-21		S. Roy, EPA:ESD to B. Allen, OMB. E-mail. RICE Cost Effectiveness by Type and Size.	7/01/02
II-F-22		A. Vasu, EPA:ESD to B. Allen, OMB. E-mail. Revised risk-based language for PCWP preamble, in response to 7/1/01 comments.	7/2/02
II-F-23		B. Allen, OMB to A. Vasu, EPA:ESD. E-mail. Justification language for an HI threshold of 1.	7/3/02
II-F-24		B. Allen, OMB to A. Vasu, EPA:ESD. Telefax. Additional Comments.	7/8/02
II-F-25		B. Allen, OMB to D. Bell, EPA:ESD. E-mail. Re: Revised risk-based language for PCWP preamble.	7/8/02
II-F-26		B. Allen, OMB to A. Vasu, EPA:ESD. E-mail. New preamble language.	7/24/02
II-F-27		A. Vasu, EPA:ESD to B. Allen, OMB. E-mail. Revision – 3 rd Scenario.	7/25/02

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II-F-28		B. Allen, OMB to S. Roy, EPA:ESD. E-mail. Issues for discussion during Aug. 15 conference call.	8/15/02
II-F-29		L. Conner, EPA:ISEG to B. Allen, OMB. Telefax. Response to Comments on preamble for RICE.	8/15/02
II-F-30		L. Conner, EPA:ISEG to B. Allen, OMB. Telefax. Response to Comments on RIA for RICE.	8/15/02
II-F-31		S. Roy, EPA:ESD to B. Allen, OMB. E-mail. Re: Issues for discussion during Aug. 15 conference call.	8/15/02
II-F-32		L. Conner, EPA:ISEG to B. Allen, OMB. E-mail. RICE: Appendix D.	8/19/02
II-F-33		S. Roy, EPA:ESD to B. Allen, OMB. E-mail. RICE Issue's - Diesel Particulate Matter and 10% Capacity Exclusion.	8/20/02
II-F-34		S. Roy, EPA:ESD to B. Allen, OMB. E-mail. RICE Issue's - Diesel Particulate Matter and 10% Capacity Exclusion.	8/22/02
II-F-35		L. Conner, EPA:ISEG to B. Allen, OMB. E-mail. Response to Question on Baseline Emissions Table in RICE RIA.	8/26/02
II-F-36		S. Roy, EPA:ESD to B. Allen, OMB. E-mail. RICE Emergency Service/Limited Use.	8/29/02
II-F-37		L. Conner, EPA:ISEG to B. Allen, OMB. E-mail. Response to comments on Tables in pream and RIA.	9/6/02
II-F-38		S. Roy, EPA:ESD to B. Allen, OMB. E-mail. OMB RICE Issue Re: Subcategorization of Low Use RICE.	9/11/02

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II-F-39		S. Roy, EPA:ESD to B. Allen, OMB. E-mail. Info on the Effectiveness of Oxidation and NSCR Catalyst Systems Directly After Startup.	9/17/02
II-F-40		L. Conner, EPA:ISEG to B. Allen, OMB. E-mail. Response to Edit to Preamble Table 3.	9/26/02
II-F-41		R. Wayland, EPA to B. Allen, OMB. E-mail. RICE - 10% Capacity Exemption.	9/27/02
II-F-42		L. Conner, EPA:ISEG to B. Allen, OMB. E-mail. RICE: Edits to Benefit Chapter and Exec. Summary.	10/3/02
II-F-43		B. Allen, OMB to R. Wayland, EPA:ESD. E-mail. Re: RICE - 10% Capacity Exemption.	10/4/02
II-F-44		S. Roy, EPA:ESD to B. Allen, OMB. E-mail. RICE 10% Capacity Factor Requirement.	10/7/02
II-F-45		B. Allen OMB to L. Conner, EPA:ISEG. E-mail. RIA section 8 comments.	10/29/02
II-F-46		B. Allen OMB to L. Conner, EPA:ISEG. E-mail. Executive Summary Comments.	10/29/02
II-F-47		L. Conner, EPA:ISEG to B. Allen, OMB. E-mail. Re: Comments on RICE Benefits Chapter.	11/14/02
II-F-48		L. Conner, EPA:ISEG to B. Allen, OMB. E-mail. Re: Remaining preamble files, and other information, for OMB- industrial boilers and process heaters MACT review.	11/14/02
II-F-49		B. Allen OMB to L. Conner, EPA:ISEG. E-mail. Re: Remaining preamble files, and other information, for OMB - industrial boilers and process heaters MACT review.	11/14/02

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II-F-50		B. Allen OMB to L. Conner, EPA:ISEG. E-mail. Re: Comments on RICE Benefits Chapter.	11/14/02
II-F-51		B. Allen OMB to L. Conner, EPA:ISEG. E-mail. Re: Comments on RICE Benefits Chapter.	11/14/02
II-F-52		L. Conner, EPA:ISEG to B. Allen, OMB. E-mail. Re: Comments on RICE Benefits Chapter	11/15/02
II-F-53		B. Allen OMB to L. Conner, EPA:ISEG. E-mail. Re: Comments on RICE Benefits Chapter	11/15/02

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II-I-1		PEEP. Joint Power Agencies for Pooled Emission Estimation Program. Source Test Report. Final Report for Publicly Owned Treatment Works (POTWs) Appendix - Volume 1.	
II-I-2		AB2588 Diesel Emission Test Summary. Source Test Report. Prepared By: Thermochem, Santa Rosa, California.	
II-I-3		Source Testing of a 625 hp, 4-cycle Diesel-fired Generator Engine (Waukesha Model VLRDB, S/N-1081282. Source Test Report. Part 4.0.	
II-I-4		AB2588 Toxic Emissions Testing South Coles Levy, Superior Engine C. Ingersoll Rand Engine #1 and Glycol Reboiler Unit. Testing July 7-9, 1992. Source Test Report. Prepared For: Marathon Oil Company, Cody, Wyoming. Prepared By: BTC Environmental, Inc., Ventura, California. Laboratory Report Number: 292-116.	
II-I-5		Revised 1989 AB 2588 Emission Inventory Report: Marine Corps Air Ground Combat Center Twenty-nine Palms, California, Volume III AB 2588 Source Test Report. Prepared For: Southwest Division Naval Facilities Engineering Command, San Diego, California. Prepared By: Science Applications Intl. Corp., San Diego, California.	

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II-I-6		Source Test Report, Emissions from an Internal Combustion Engine Fueled by Landfill Gas. Conducted At: GSF Energy, Inc., Olinda Landfill Power Station, Internal Combustion Engine 101-B, Brea, California. Tested: May 11, 1988. Prepared By: South Coast Air Quality Management District, El Monte, California. Report Number: 88-0122.	7/15/88
II-I-7		Source Emissions Survey Of Vandenberg Air Force Base Engines Number 1,2,3, and 4 Exhaust Stacks, Vandenberg, California. Prepared For: Versar, Inc., Vandenberg, California. Prepared By: METCO Environmental, Addison, Texas. May and June 1990. Volume 1. File Number: 90-51.	1990
II-I-8		Emissions Of Air Toxic Species: Test Conducted Under AB2588 For The Western States Petroleum Assoc. Source Test Report. Prepared For: Western States Petroleum Assoc., Glendale, California. Prepared By: W. Osborne and M. McDannel, P.E., CARNOT, Tustin, California.	5/90
II-I-9		Air Toxics Hot Spots Testing At Southern California Gas Company, Goleta Station - IC Engine #3. Tested April 10 and 11, 1990. Prepared For: Southern California Gas Company, Los Angeles, California. Prepared By: Pape & Steiner Environmental Services, Bakersfield, California. Report Number PS-90-2151.	6/90

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II-I-10		Pooled Source Emission Test Report Gas-Fired IC Engines in Santa Barbara County. Prepared For: ARCO, Bakersfield, California. Prepared By: ENSR Consulting and Engineering. Document Number: 0480-089-600.	7/90
II-I-11		Air Pollution Source Testing For California AB 2588 On An Oil Platform Operated By Chevron USA, Inc., Platform Hope, California. Tested: April 14, 1990, Prepared By: Engineering-Science, Pasadena, California. Prepared For: Chevron USA, Inc., Ventura, California. Report Number: WA128.04.	8/29/90
II-I-12		Air Pollution Source Testing For California AB2588 Of Engines At The Chevron USA, Inc. Carpinteria Facility. Tested: April 23, 1990. Prepared By: Engineering-Science, Pasadena, California. Prepared For: Chevron USA, Inc., Ventura, California. Report Number: WA128.	8/30/90
II-I-13		Source Emissions Survey of Los Angeles International Airport Diesel Fired Generating Units Los Angeles, California. Prepared By: METCO Environmental. Prepared For: ERM-West, Inc. File Number: 90-188.	10/90
II-I-14		Pooled Source Emission Test Report: Oil and Gas Production Combustion Sources, Fresno and Ventura Counties, California. Prepared For: Western States Petroleum Assoc., Bakersfield, California. Prepared By: ENSR Consulting and Engineering. Document Number: 7230-007-700.	1/91

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II-I-15		Ventura Port District Dredge: Air Toxics Emissions Retesting, Ventura Harbor, Ventura, California. Prepared By: BTC Environmental, Inc., Ventura, California. Prepared For: Applied Environmental Technologies, Ventura, California. Laboratory Report Number: 291-014.	1/29/91
II-I-16		Compliance Report. Unit Tested: Hydraulic Dredge "OLLIE" Application #1266-111. Parameters Measured: Formaldehyde, Poly Aromatic Hydrocarbons (PAH's), Multiple Metals By Fuel Analysis. Tested: January 30, 1991. Prepared By: South Coast Environmental Company, La Verne, California. Prepared For: Reidel International, Portland, Oregon. Report Number: T1238C.	3/8/91
II-I-17		Air Pollution Source Testing For California AB2588 At The Naval Weapons Center, China Lake, California. Source Tested: Emergency Generator Internal Combustion Engine Base Dispensary, Building 01403. Prepared For: Kern County Air Pollution Control District. Prepared By: Engineering-Science, Inc., Irwindale, California.	11/4/91
II-I-18		AB2588 Air Toxics Emission Testing At PRCC - IC Engine, June 17,18 and 19, 1991 and November 4 and 5, 1991. Prepared For: Rand Mining Company. Prepared By: Steiner Environmental, Inc., Bakersfield, California. Report Number: PS-91-2656/Project 7095-91 and 7041-91.	12/91

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II-I-19		AB2588 Air Toxics Emission Testing At PRCC - IC Engines. Tested June 21,24 and 25, 1991 and November 6 and 7, 1991. Prepared For: Products Research and Chemical Corp., Mojave, California. Prepared By: Steiner Environmental, Inc., Bakersfield, California. Report Number: PS-91-2645.	12/91
II-I-20		State of California Air Resources Board, Method 430, Determination of Formaldehyde and Acetaldehyde in Emissions from Stationary Sources.	12/13/91
II-I-21		Engineering Test Report, Asilomar Conference Center, Pacific Grove, CA. Test Date: November 22, 1991. Parameters Measured: Formaldehyde and Benzene. Tested By: South Coast Environmental Company, Orange, California. Report Number: T1379A.	12/31/91
II-I-22		Air Emission Testing Of Internal Combustion Engines For Chevron U.S.A., Production Company. Test Locations: Carpinteria, California and Platform Hope, Santa Barbara Channel. Test Date: March 30 - April 3, 1992. Prepared For: Chevron U.S.A. Production Company, Ventura, California. Submitted To: Santa Barbara County Air Pollution Control District, Santa Barbara, California. Prepared By: Engineering-Science, Inc., Bakersfield, California. Report Number: BK022.	5/1/92

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<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
II-I-23		Source Test Emission Report for the Delaval Engine at the Central Heating Facility and the Waukesha Engine at the Athletic Facility of UC Santa Cruz, California. Test Date: September 1 and 2, 1992. Prepared By: Guy Worthington and Michael Wiley, Best Environmental, Inc., San Leandro, California.	9/22/92
II-I-24		Effects of NO _x Control on Pollutant Emissions in Natural-Gas-Fueled Stationary Reciprocating Engines. Prepared By: Sidney Huey and Carlo Castaldini, Acurex Environmental Corp, Mountain View, California. Prepared For: GRI. GRI 92/0390.	10/92
II-I-25		Pooled Source Testing of a Rig Diesel-Fired Internal Combustion Engine. Source Emissions Testing, Final Test Report, Volume I. Source Location: Halliburton Equipment Yard, Bakersfield, California. Test Date: July 29 through 31, 1992. Prepared For: Western States Petroleum Assoc., Bakersfield, California. Prepared By: Entropy Environmentalists, Huntington Beach, California. EEI Number: 30037.	10/2/92
II-I-26		Retrofit NO _x Control Technologies for Natural Gas Prime Movers. Source Test Report. Final Report, September 1991 to July 1992. Prepared by Acurex Environmental Corp. Prepared for GRI.	3/94
II-I-27		Final Report, Texaco Exploration And Production Inc., Gas Compressor Emissions Testing. Prepared For: Texaco Exploration & Production Inc., Ferndale, WA. Prepared By: Emission Technologies, Inc., Burlington, WA. Report #95-218.	6/26/95

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References Not Readily Available to the Public

<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
II-I-28		API's Baseline Characterization Survey. Attachment is as follows: -Disk containing API Field & Coal Plant Survey Engine Data.	1996
II-I-29		Operating Section Compressor Committee, Engines Turbines and Compressors Directory.	1996
II-I-30		L. Traweek, American Gas Assoc. to S. Roy, EPA:ESD. Transmittal of Two GRI Topical Reports Related to the RICE and CT MACT Standards Development.	5/2/96
II-I-31		B. Wernhoff, American Public Power Assoc. to D. Dowdall, ICCR Small Engine Subgroup. Letter. Information Regarding Small Internal Combustion Generating Units, Enclosure 1, entitled " <i>Publicly Owned Electric Utilities: International Combustion Plants</i> ," Enclosure 2, Information Regarding the Amount of Generation Produced by These Units.	12/20/96
II-I-32		Formaldehyde Measurements by the DNPH Methods: A Review by the Testing and Monitoring Work Group.	7/8/97
II-I-33		V. Newsom, Amoco Production to J. Snyder, AGTI. Facsimile: Waukesha Dresser, Compilation of Information on Engines.	8/7/97
II-I-34		Air Toxic Emission Factors For Combustion Sources Using Petroleum-Based Fuels. Volume 1-Development of Emission Factors Using API/WSPA Approach. Prepared by D. Hansell and G. England, Energy and Environmental Research Corp. for S. Folwarkow, Western States Petroleum Assoc.	10/17/97

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<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
II-I-35		Air Toxic Emission Factors For Combustion Sources Using Petroleum-Based Fuels. Volume 2-Development of Emission Factors Using CARB Approach. Prepared by D. Hansell and G. England, Energy and Environmental Research Corp. for S. Folwarkow, Western States Petroleum Assoc.	10/17/97
II-I-36		Air Toxic Emission Factors For Combustion Sources Using Petroleum-Based Fuels. Volume 3-Supporting Information. Prepared by D. Hansell and G. England, Energy and Environmental Research Corp. for S. Folwarkow, Western States Petroleum Assoc.	10/17/97
II-I-37		Final Report, AB2588 Emission Estimation Techniques For Petroleum Refineries and Bulk Terminals. Prepared for: Western States Petroleum Association, Glendale, CA. Prepared by: Radian Corp., Sacramento, CA.	7/21/89
II-I-38		Study, Air Toxics Emissions From Natural-Gas-Fired Engines. Prepared for: Presentation at 65th Annual Technical Conference and Exhibition of the Society of Petroleum Engineers, New Orleans, LA. Prepared by: SPE.	9/90
II-I-39		Final Decision to Issue-Authority to Construct 9788 for the Tajiguas Landfill Gas to Energy Project. Prepared by: Santa Barbara County APCD.	1/9/98

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<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
II-I-40		Modeling Depletion in the Mineral Industry: The Case of Coal. M.B. Zimmerman. The Bell Journal of Economics 8(2):41-65.	1977
II-I-41		Modern Petroleum: A Basic Primer of the Industry. B. Berger and K. Anderson. Tulsa, OK: The Petroleum Publishing Co.	1978
II-I-42		CARB Method 430. Determination of Formaldehyde and Acetaldehyde in Emissions from Stationary Sources. California Environmental Protection Agency: Air Resources Board. Adopted: September 12, 1989. Amended: December 13, 1991.	12/13/91
II-I-43		1992 Census of Mineral Industries, Industry Series: Crude Petroleum and Natural Gas. U.S. Department of Commerce, Bureau of the Census. MIC92-I-13A. Washington, DC: U.S. Department of Commerce.	1992
II-I-44		1992 Census of Mineral Industries, Industry Series: Natural Gas Liquids. U.S. Department of Commerce, Bureau of the Census. MIC92-I-13B. Washington, DC: U.S. Department of Commerce.	1992
II-I-45		1992 Census of Mineral Industries, Industry Series: Oil and Gas Field Services. U.S. Department of Commerce, Bureau of the Census. MIC92-I-13C. Washington, DC: U.S. Department of Commerce.	1992
II-I-46		The Natural Gas Industry: Evolution, Structure, and Economics. 2nd Edition. A. Tussing and B. Tippee. Tulsa, OK: PennWell Publishing Company.	1995

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<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
II-I-47		U.S. Energy Product Supply Elasticities: A Survey and Application to the U.S. Oil Market. C. Dahl and T. Duggan. Resource and Energy Economics 18:243-263.	1996
II-I-48		Industry Norms & Key Business Ratios. Dun & Bradstreet. Desktop Edition 1996-97. Murray Hill, NJ: Dun & Bradstreet, Inc.	1997
II-I-49		Measurement of Air Toxic Emissions from Combustion Equipment at Natural Gas Processing Plants. Volumes I and II, Radian International LLC for the Gas Research Institute.	11/97
II-I-50		Crude Petroleum and Natural Gas. K. Lillis. The U.S. Industry and Trade Outlook '98. New York: DRI/McGraw-Hill, Standard & Poor's, and U.S. Department of Commerce/International Trade Administration. pp. 3-1 to 3-8.	1998
II-I-51		Ward's Business Directory of U.S. Private and Public Companies 1998, Volume 5. S. Heil, Ed. Detroit, MI: Gale Research Inc.	1998
II-I-52		Improving Compressor Station Performance: Getting at the Heart of the Matter. M. Whelan. < http://www.gri.org/pub/content/sep/19990923/145119/wtcompressor12.html >.	12/98
II-I-53		Natural Gas 1998: Issues and Trends. U.S. Department of Energy, Energy Information Administration. Washington, DC: U.S. Department of Energy.	4/99

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<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
II-I-54		Petroleum Supply Annual 1998, Volume I. U.S. Department of Energy, Energy Information Administration. Washington, DC: U.S. Department of Energy.	6/99
II-I-55		Small Business Size Standards by SIC Industry. Small Business Administration (SBA). < http://www.sba.gov/regulations/sicodes/siccodes.htm >.	6/14/99
II-I-56		1997 Economic Census, Mining, Industry Series: Drilling Oil and Gas Wells. U.S. Department of Commerce, Bureau of the Census. EC97N-2131A. Washington, DC: U.S. Department of Commerce.	9/99
II-I-57		Natural Gas Annual 1998. U.S. Department of Energy, Energy Information Administration. Washington, DC: U.S. Department of Energy.	10/99
II-I-58		1997 Economic Census, Mining, Industry Series: Support Activities for Oil and Gas Operations. U.S. Department of Commerce, Bureau of the Census. EC97N-2131B. Washington, DC: U.S. Department of Commerce.	10/99
II-I-59		1997 Economic Census, Mining, Industry Series: Crude Petroleum and Natural Gas Extraction. U.S. Department of Commerce, Bureau of the Census. EC97N-2111A. Washington, DC: U.S. Department of Commerce.	12/99

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<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
II-I-60		1997 Economic Census, Mining, Industry Series: Natural Gas Liquid Extraction. U.S. Department of Commerce, Bureau of the Census. EC97N-2111b. Washington, DC: U.S. Department of Commerce.	12/99
II-I-61		Supplement Tables to the AEO 2000. U.S. Department of Energy, Energy Information Administration (EIA). < http://www.eia.doe.gov/oiaf/aeo/supplement/index.html >. As obtained on 8/1/00 .	12/17/99
II-I-62		Model Documentation Report: Industrial Sector Demand Module of the National Energy Modeling System. U.S. Department of Energy, Energy Information Administration (EIA). DOE/EIA-M064(2000). Washington, DC: U.S. Department of Energy.	1/00
II-I-63		1997 Economic Census, Transportation and Warehousing: Geographic Area Series. U.S. Department of Commerce, Bureau of the Census. EC97T48A-US. Washington, DC: U.S. Department of Commerce.	1/00
II-I-64		U.S. Department of Energy, Energy Information Administration. As obtained on August 1, 2000. < http://www.eia.doe.gov/emeu/cabs/use.html >.	4/00
II-I-65		Hoover's Online—Energy Industry Snapshot. Elaine Conces. As obtained on April 18, 2000. < http://www.hoovers.com/industry/snapshot/0,2204,16,00.html >.	4/18/00

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II-I-66		Engine Design, Operation, and Control in the Natural Gas Industry. Gas Research Institute (GRI). As obtained on May 9, 2000. < http://www.gri.org/pub/oldcontent/tech/e+s/engines/des_op.htm >.	5/9/00
II-I-67		Transportation of Natural Gas. Natural Gas Supply Association (NGSA), Independent Petroleum Association of America, National Ocean Industries Association, and International Centre for Gas Technology Information. < http://www.naturalgas.org/TRANS.htm >. As obtained on 8/1/00.	8/1/00
II-I-68		Storage of Natural Gas. Natural Gas Supply Association (NGSA), Independent Petroleum Association of America, National Ocean Industries Association, and International Centre for Gas Technology Information. < http://www.naturalgas.org/STOR2.htm >. As obtained on 8/1/00.	8/1/00
II-I-69		Natural Gas Production. Natural Gas Supply Association (NGSA), Independent Petroleum Association of America, National Ocean Industries Association, and International Centre for Gas Technology Information. < http://www.naturalgas.org/PRODUCT.HTM >. As obtained on 8/1/00.	8/1/00
II-I-70		Issues in Midterm Analysis and Forecasting 1999—Table 1. U.S. Department of Energy, Energy Information Administration. < http://www.eia.doe.gov/oaif/issues/pricetbl1.html >. As obtained on 8/1/00.	8/1/00

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<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
II-I-71		Annual Mileage Totals Transmission - Distribution. U.S. DOT, Office of Pipeline Safety (OPS). As obtained on 8/1/00. < http://ops.dot.gov/gtannual.htm >.	8/1/00

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<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
II-K-1		TMP Work Group Guidance On Interpreting and Using Emissions Databases Containing Non-detection Values. Prepared by: TMPWG.	9/97
II-K-2		TMP Work Group Activities. Presented to RICE Work Group by TMP Work Group.	2/98
II-K-3		Subcategories and MACT Floor Determinations for Existing Stationary RICE. White Paper. Presented by: RICE Work Group. Prepared for: ICCR Coordinating Committee.	7/10/98
II-K-4		Pollution Prevention for RICE. White Paper. Prepared by: RICE Work Group. Prepared for: ICCR Coordinating Committee.	9/3/98
II-K-5		New Source MACT for RICE. White Paper. Prepared by: RICE Work Group. Prepared for: ICCR Coordinating Committee.	9/3/98
II-K-6		Summary of Proposed Definitions for RICE. White Paper. Prepared by: RICE Work Group. Prepared for: ICCR Coordinating Committee.	9/3/98
II-K-7		Definition of "Rich Burn Engine" for the RICE MACT Standard. White Paper. Prepared by: RICE Work Group. Prepared for: ICCR Coordinating Committee.	9/3/98
II-K-8	9/3/98	Catalyst Control Cost Information. White Paper. Prepared by: RICE Work Group. Prepared for: ICCR Coordinating Committee.	9/3/98

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<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
II-K-9		Assessment of the EPA ICCR Emissions Database for RICE. White Paper. Prepared by: RICE Work Group. Prepared for: ICCR Coordinating Committee.	9/4/98
II-K-10	9/4/98	<p>Above the Floor MACT for Digester and Landfill Gas. White Paper. Prepared by: RICE Work Group. Prepared for: ICCR Coordinating Committee.</p> <p>Attachments are as follows:</p> <ul style="list-style-type: none"> -Catalyst Performance Investigation. Technical Memorandum. Prepared by: Malcolm Pirnie, Inc. Prepared for: Nassau County Department of Public Works. September 1996. -CO and NO_x Mitigation Catalyst Testing and Evaluation (CIP-1037). Technical Report. Prepared by: Solids Technology and Resource Recovery Division, City of Los Angeles Department of Public Works, Bureau of Engineering. December 1993. -Catalytic Denitrification of Exhaust from Reciprocating Engines Fueled with Sewage Digester Gas. Prepared by: LA County Sanitation Districts. Presentation at the 77th Annual Meeting of the Air Pollution Control Association. June 24-29, 1984. -S. Min, LA County Sanitation Districts to G. Adams, LA County Sanitation Districts. Memorandum. Responses to RFP for Correcting TEF/SCR System. July 10, 1996. 	9/4/98

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II-K-11		<p>F. Porter, EPA Co-Chair, and R. Anderson, Stakeholder Co-Chair, ICCR Coordinating Committee, to R. Wilson, EPA: OAR. Recommendations developed by the ICCR Coordinating Committee.</p> <p>Attachments are as follows: Enclosure I contains the Committee's recommendations on the definition of the term solid waste for the purpose of regulations developed under Section 129; of the Act. Enclosure II contains the Committee's recommendations of a list of pollutants for which to test in additional emission testing for internal combustion engines, as well as additional emission testing for internal combustion engines. Enclosure III contains the Committee's recommendations on a list of pollutants for which to test in any additional emission testing for combustion turbines.</p>	12/17/97

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II-K-12		<p>R. Anderson, Stakeholder Co-Chair, ICCR Coordinating Committee, and F. Porter, EPA Co-Chair, ICCR Coordinating Committee, to R. Perciasepe, EPA:OAR. Recommendations of the ICCR Coordinating Committee.</p> <p>Attachments are as follows: III contains Recommended Subcategories and MACT Floors for Existing Stationary RICE.</p> <p>The remaining attachments are not included because they do not pertain to RICE. A complete set of attachments is contained in Docket A-96-17, Item II-L-4.</p>	8/12/98

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<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
II-K-13		<p>R. Anderson, Stakeholder Co-Chair, ICCR Coordinating Committee, and F. Porter, EPA Co-Chair, ICCR Coordinating Committee, to R. Perciasepe, EPA:OAR. Recommendations of the ICCR Coordinating Committee.</p> <p>Attachments are as follows: I contains the List of Works In Progress and Data Information VI contains recommendations on Interpreting and Using Emissions Databases Containing Non-Detection Values VII contains recommendations on the Definition of "Rich Burn Engine" for the RICE MACT Standard VIII contains recommendations on an Assessment of the EPA ICCR Emissions Database for RICE IX contains Above the Floor MACT for Digester and Landfill Gas RICE recommendations.</p> <p>The remaining attachments are not included because they do not pertain to RICE. A complete set of attachments is contained in Docket A-96-17, Item II-L-5a.</p>	11/24/98
II-K-14		ICCR Coordinating Committee to EPA:OAR. Database on CD. Inventory Database Version 3.0 and Associated Documentation Tables, including Version 2.0 (Engines Only) - General ICCR Data/Information.	11/24/98
II-K-15		ICCR Coordinating Committee to EPA:OAR. Database on CD. Inventory/Population Database - RICE Data/Information.	11/24/98

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II-K-16		ICCR Coordinating Committee to EPA:OAR. Database on CD. Emission Test Database v. 2.0 - RICE Data/Information.	11/24/98
II-K-17		ICCR Coordinating Committee to EPA:OAR. Database on CD. Additional Inventory and Survey Data from AMSA - General ICCR Data/Information.	11/24/98
II-K-18		ICCR Coordinating Committee to EPA:OAR. Database on CD. Additional Inventory Data from DoD - General ICCR Data/Information.	11/24/98
II-K-19		ICCR Coordinating Committee to EPA:OAR. A Review of Formaldehyde Measurements by the DNPH Methods - Testing and Monitoring Protocol Data/Information.	11/24/98
II-K-20		ICCR Coordinating Committee to EPA:OAR. Discussion of Real Time Measurement options to IC Engine SWG - Testing and Monitoring Protocol Data/Information.	11/24/98
II-K-21		ICCR Coordinating Committee to EPA:OAR. Typical Products of Incomplete Combustion (PICs) from Industrial Combustion Sources that are also HAPs - Testing and Monitoring Protocol Data/Information.	11/24/98
II-K-22		ICCR Coordinating Committee to EPA:OAR. Review of Compliance Test Methods for Determining Formaldehyde Emissions from IC Engines and Turbines with Potential Application to Other Combustion Sources - Testing and Monitoring Protocol Data/Information.	11/24/98

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II-K-23		ICCR Coordinating Committee to EPA:OAR. CC Guidance to Work Groups on Operator Training/Qualification - General ICCR Works-In-Progress.	11/24/98
II-K-24		ICCR Coordinating Committee to EPA:OAR. CC Guidance to Work Groups on Metrics which Encourage Pollution Prevention - General ICCR Works-In-Progress.	11/24/98
II-K-25		ICCR Coordinating Committee to EPA:OAR. CC Guidance to Work Groups on Pollution Prevention Regulatory Options - General ICCR Work-In-Progress.	11/24/98
II-K-26		ICCR Coordinating Committee to EPA:OAR. Guidance on Good Combustion Practices - General ICCR Work-In-Progress.	11/24/98
II-K-27		ICCR Coordinating Committee to EPA:OAR. Pollution Prevention Subgroup Report on Fuel/Waste Constituent Levels and Fuel/Waste De Minimis Constituent Levels - General ICCR Work-In-Progress.	11/24/98
II-K-28		ICCR Coordinating Committee to EPA:OAR. Environmental Caucus Proposal for Regulatory Action - General ICCR Work-In-Progress.	11/24/98
II-K-29		ICCR Coordinating Committee to EPA:OAR. Chlorinated Dioxin and Furan Formation, Control and Monitoring - General ICCR Data/Information.	11/24/98